

# The successful Festool system for the profit-oriented workshop

## We go our own way.

Today there are hardly any solutions that are not available from Festool. Solutions which make your daily work easier, which allow you to master fiddly jobs and to achieve high quality results. Festool is more than a brand. Festool is a philosophy. And this means: We strive for the highest standards in the development and production of tools – your standards.

The decisive factor here is the **system concept** on which our range of tools and accessories is based. Integral work systems with all their matched constituent components – all in one hand.

After all, our objective is to be able to produce tools now and in future which meet the toughest demands.

You are looking for solutions outside the classical automotive sector? You are bound to find what you're looking for in the big Festool Main Catalogue.

## Festool means:

### Orientation on use

- Replacing time-consuming manual work with machine work.
- Less time spent for better results.
- Best results through optimally matched products.

### Innovation

- Work made easier through optimum ergonomics.
- Development of entire custom-designed systems instead of individual solutions.
- The most modern and the best technology for your work processes.

### Responsibility

- Safe work through optimised extraction systems.
- Healthy work using low-vibration tools.
- Planning safety through the use of competent Festool advice.
- Machines with a long service life thanks to intensive testing.

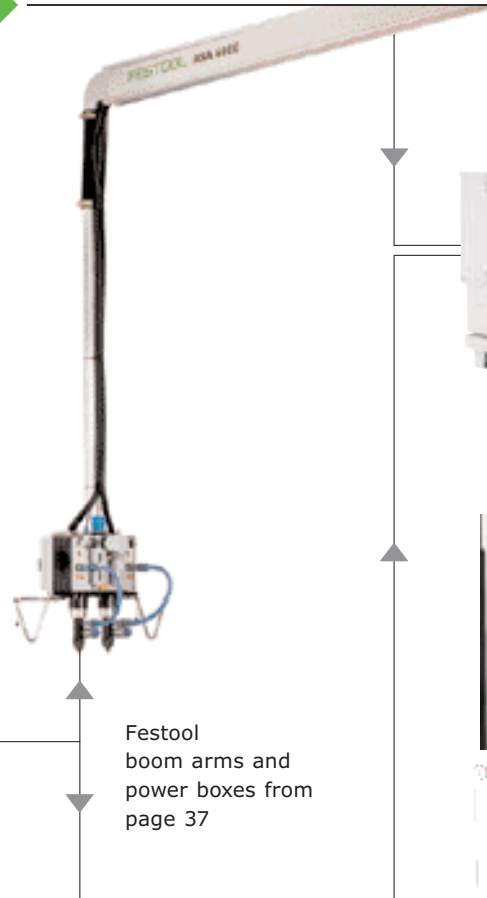
**This means: the best results  
for you thanks to optimally  
adapted technology.**

## Sanding pages 5-28



## Polishing pages 29-36

## Organising your work and safety pages 37-69



Festool boom arms and power boxes from page 37



Festool TURBO extraction turbines from page 42



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Festool polishers from page 32



Festool polishing pads from page 34



Festool polishing pads from page 34



Festool polishers from page 34

## Festool service

### Well served as far as safety is concerned

# FESTOOL



#### Not 1 or 2, but 1 plus 2!

Festool grants 2 years guarantee from the date of purchase, providing the tool has been used properly. This guarantee is extended to a total of 3 years if you return the 1+2 guarantee card enclosed with every new tool to Festool within 30 days of purchase.



#### Service with system

##### Customer service as it should be:

Quick. Uncomplicated. Professional.

The 48 hour service: we aim to provide a repair or cost estimate within 48 hours after the tool has arrived at our workshop.

The collection service: a courier service collects the consignment from you or your Festool dealer and brings it back to you once it has been repaired. We take on all the costs if the item is under guarantee. In the case of a repair which is invoiced, you only pay the transport costs for one way.

#### Repairs made easy.

There are two options with repairs:

1. Processing via your dealer.
2. You contact the Festool customer services directly

The item can easily be sent in our Systainer. The customer services address is given on the back of this catalogue.



#### Nothing can replace the original.

This is the same for replacement parts. You will find the necessary part number on the exploded diagrams included with each new product. If an item is being ordered by your dealer, you will also require the machine model, basic tool number and the machine number. This information is found on the machine's rating plate.

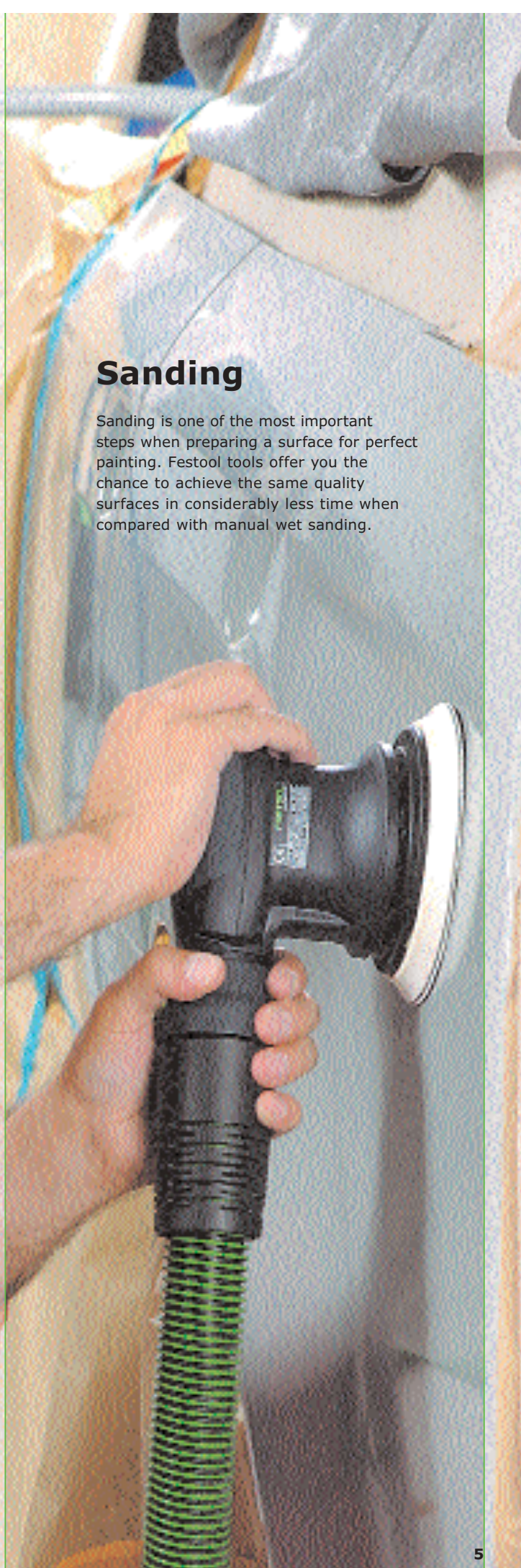


#### Certification in accordance with EN ISO 9001

We make the highest demands on our quality – and we will even provide you with this evidence of this in writing: with the certificate of compliance with EN ISO 9001. Festool was certified to have complied without exception in an independent audit. And not only in production, but in all company departments – from development to purchasing, from after-sales service to logistics. And this quality seal means one thing above all: safety for you.







## Sanding

Sanding is one of the most important steps when preparing a surface for perfect painting. Festool tools offer you the chance to achieve the same quality surfaces in considerably less time when compared with manual wet sanding.



# The Festool dry sanding system

## A perfect surface in 5 steps

Economically efficient and perfect results are our mutual objectives.

You can be sure that you will achieve these with Festool systems. The benefits to you:

- Dry sanding means that finishing work is not necessary
- Optimal sanding performance coupled with the highest surface quality
- Protects your health with almost 100% dust extraction

### 1. Preparation

### 2. Coarse sanding

### 3. Intermediate sanding

### 4. Fine sanding

Air tools

Compressed air eccentric sander LEX 2 150/7



Compressed air eccentric sander LEX 2 150/7



Compressed air eccentric sander LEX 2 150/3



Compressed air eccentric sander LEX 2 150/3



Pneumatic orbital sander LRS 93



Pneumatic orbital sander LRS 400



Electric power tools

ROTEX® RO 150 E



Eccentric sander WTS 150/7



Eccentric sander ETS 150/3



Eccentric sander ETS 150/3



Rotary sander RAS 115



Orbital sander RS 100 CQ



Orbital sander RS 100 CQ



## Wet sanding is yesterday's news.

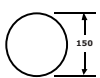
In many cases, the automotive trade is still using outdated wet sanding methods. This can lead to annoying and unnecessary errors in your work. A high degree of economic efficiency (savings of up to 30%) and the ability to reproduce consistently high surface quality are particular features of dry sanding. These come as standard with the Festool sanding system.

### 5. Finest sanding

Compressed air eccentric sander LEX 2 150/3



or  
LEX 2 125/3



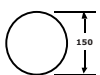
Platin 2  
Grit S 1000 - 4000

**NEW**

Eccentric sander  
ETS 150/3



or  
WTS 150/7,  
ES 125



Platin 2  
Grit S 2000 - 4000

**NEW**

	Dry sanding of filler	Wet sanding of filler
<b>Applying the abrasives</b>	No problem thanks to Jetstream®	No problem
<b>Abrasive service life</b>	Long, thanks to optimum dust extraction	Long, thanks to water film
<b>Duration of sanding work</b>	approx. 50 %	100 %
<b>Waiting times</b>	None	Long, due to laborious drying of the surfaces and joints
<b>Risk of errors</b>	Low	<ul style="list-style-type: none"> <li>• High, since the filler and spatula are hygroscopic and must be completely dry to prevent the formation of paint blisters.</li> <li>• Sanding grooves may appear after painting, since the pressure applied to the abrasives by hand is less uniform than with a machine.</li> </ul>
<b>Working method</b>	Machine, with eccentric sander and P 360 - 500	By hand, with P 800 - 1200
<b>Costs</b>	Savings of up to 30 %	100 %



Dry sanding with Festool

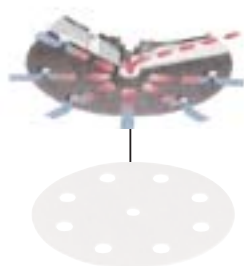
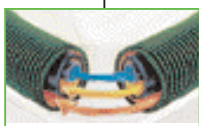


Wet sanding by hand

# Sanding

## The Festool system

Sanding is the central theme in car refinishing and the best results are obtained if all the components are perfectly suited to one another. The Festool sanding system can offer an optimal solution here, since the tools and the sanding pad and abrasives are designed as a single unit. The sum of the individual components makes the difference.



### For every application...

#### ... the right mobile dust extractor.

- Perfect suction power on dusts.
- Clean results, since there is no sanding residue to cause painting errors.

#### ... the right hose system.

- Comfortable and safe working thanks to the Plug-it extractor hose (electric tools) and IAS 2 system (air tools).
- Antistatic design for all hose systems.

#### ... the right machine.

- From coarse sanding to priming surfaces, to finest sanding, to preparing for polishing.
- Air tools or electric tools.

#### ... the right sanding pad.

- Soft, extra soft or hard.
- Optimum dust extraction thanks to the patented Jetstream® concept.

#### ... the right abrasive.

- Faster results thanks to targeted dispersion of the grits.
- Long service life thanks to different designs to suit various materials.
- The new abrasives generations Titan 2 and Platin 2: Perfectly suited to water-based systems and ceramic clear varnishes. Faultless sanding and polishing results on all surfaces.

# Sanding

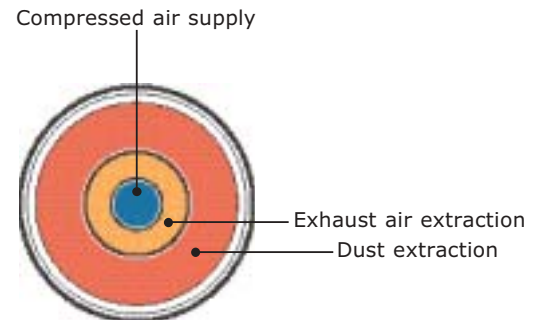
## The IAS 2 system

**FESTOOL**

### Three-fold benefits:

#### 1 hose, 3 functions.

Why complicate things when they can be so simple? The IAS 2 system combines three functions in one hose – compressed air supply, exhaust air extraction and dust extraction. This essentially means no twisted and tangled hoses, less tripping, less weight, fewer repairs needed, and simple unplugging / plugging in for tool changes.



### Festool air tools – three functions in one hose.

#### Jetstream® principle

Ensures much improved dust extraction and up to 30 % longer service life of the abrasive.

#### Safe dust extraction

Through the direct extraction in the IAS 2 system. Clean, almost dust-free air and a clear view of the workpiece.

#### Antistatic design

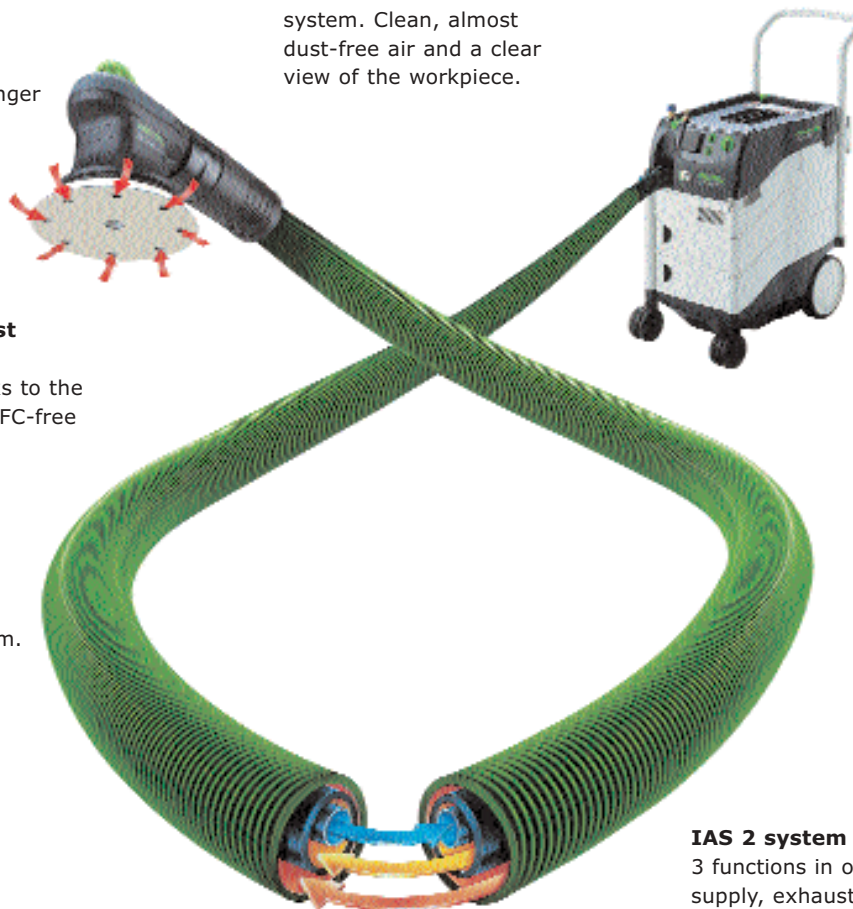
Prevents electrostatic charges during the suction process

#### Effective protection against airflow chill

No more cold fingers – thanks to the housing insulation made of CFC-free MPE foam.

#### No oil mist

Thanks to the exhaust air extraction in the IAS 2 system. Saves laborious cleaning.



#### IAS 2 system

3 functions in one hose: compressed air supply, exhaust air and dust extraction. Quick and easy changing of tools and no more tangled hoses to trip over.



# Sanding

## Compressed air sanders

### Compressed air eccentric sander LEX 2 185/7



#### It's in its element on large flat areas!

- Perfect handling for coarse and intermediate sanding thanks to the soft grip handle cover.
- Safe and ergonomic switch operation due to dead man's switches and the recessed switch lever.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required thanks to the optimised wear resistance of rotors and discs.
- Avoids sanding faults through interchanging machines due to the throw of eccentric optical identification system in the switching lever.
- Clean results during light sanding by avoiding sanded-through parts or uneven surfaces due to the integrated sanding pad brake.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	16,000 rpm
Sanding stroke	7 mm
Air consumption at rated load	390 l/min
Sanding pad diameter	185 mm
Weight	1.6 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 185 (soft),  
1 Stickfix abrasive, Titan 2 P120,  
1 Allen key,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LEX 2 185/7** in a box

#### Model

LEX 2 185/7

#### Order no.

692 096

### Compressed air eccentric sander LEX 2 150/7



#### Coarse and intermediate sanding

- Perfect handling for coarse and intermediate sanding thanks to the soft grip handle cover.
- Safe and ergonomic switch operation due to dead man's switches and the recessed switch lever.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required due to the optimised wear resistance of rotors and discs.
- Avoids sanding faults through interchanging machines thanks to the throw of eccentric optical identification system in the switching lever.
- Clean results even during light sanding due to the integrated sanding pad brake.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	16,000 rpm
Sanding stroke	7 mm
Air consumption at rated load	390 l/min
Sanding pad diameter	150 mm
Weight	1.3 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 150 (soft),  
1 Stickfix abrasive, Titan 2 P 120,  
1 Allen key,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LEX 2 150/7** in a box

#### Model

LEX 2 150/7

#### Order no.

692 094

# Sanding

## Compressed air sanders

**FESTOOL**

### Compressed air eccentric sander LEX 2 150/3



#### Finishing specialist

- Perfect handling for fine and final sanding due to the softgrip handle cover.
- Safe and ergonomic switch operation thanks to dead man's switches and the recessed switch lever.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required due to the optimised wear resistance of rotors and discs.
- Avoids sanding faults through interchanging machines due to the throw of eccentric optical identification system in the switching lever.
- Clean results during light sanding by avoiding sanded-through parts or uneven surfaces thanks to the integrated sanding pad brake.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	16,000 rpm
Sanding stroke	3 mm
Air consumption at rated load	390 l/min
Sanding pad diameter	150 mm
Weight	1.3 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 150 extra soft,  
1 Stickfix abrasive, Titan P 2 P120,  
1 Allen key,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LEX 2 150/3** in a box

#### Model

LEX 2 150/3

#### Order no.

692 095

### Compressed air eccentric sander LEX 2 125/7



#### The intermediate tool.

- Perfect handling for coarse and intermediate sanding due to the soft grip handle cover.
- Safe and ergonomic switch operation thanks to dead man's switches and the recessed switch lever.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required due to the optimised wear resistance of rotors and discs.
- Optimised Jetstream® and improved suction power due to the new sanding pad and abrasives with new hole circle spacing.
- Clean results even during light sanding thanks to the integrated sanding pad brake.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	16,000 rpm
Sanding stroke	7 mm
Air consumption at rated load	390 l/min
Sanding diameter	125 mm
Weight	1.3 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 125 soft,  
1 Stickfix abrasive, Titan 2 P120,  
1 Allen key,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LEX 2 125/7** in a box

#### Model

LEX 2 125/7

#### Order no.

692 097

# Sanding

## Compressed air sanders

### Compressed air eccentric sander LEX 2 125/3



#### Put the finishing touches to it all.

- Perfect handling for fine and final sanding due to the softgrip handle cover.
- Safe and ergonomic switch operation due to dead man's switches and the recessed switch lever.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required thanks to the optimised wear resistance of rotors and discs.
- Optimised Jetstream® and improved suction power due to the new sanding pad and abrasives with new hole circle spacing.
- Clean results during light sanding by avoiding sanded-through parts or uneven surfaces thanks to the integrated sanding pad brake.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	16,000 rpm
Sanding stroke	3 mm
Air consumption at rated load	390 l/min
Sanding pad diameter	125 mm
Weight	1.3 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 125 extra soft,  
1 Stickfix abrasive, Titan 2 P120,  
1 Allen key,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LEX 2 125/3** in a box

#### Model

LEX 2 125/3

#### Order no.

692 098

### Compressed air orbital sander LRS 93 G



#### Everything under control – whether you are surface sanding or intermediate sanding.

- Perfect and safe guidance thanks to the ergonomically designed handle.
- Vane motor provides a long service life. VS balancing ensures smooth running and spares the wrists.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required due to the optimised wear resistance of rotors and discs.
- Optimum sanding results thanks to material-specific preselection of the number of strokes using infinitely adjustable speed adjustment.
- Economic use thanks to the long service life of the dimensionally stable, extremely hard-wearing MPE sanding pad.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	14,000 rpm
Sanding stroke	4 mm
Air consumption at rated load	310 l/min
Sanding pad	93 x 175 mm
Weight	1.4 kg



#### Scope of delivery

1 Stickfix abrasive sheet Titan 2 P120,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LRS 93 G** in a box

#### Model

LRS 93 G

#### Order no.

692 050



# Sanding

## Compressed air sanders

**FESTOOL**

### Compressed air orbital sander LRS 93 M



#### Level even with one handed operation.

- The small and compact design ensures perfect handling even with single-handed operation.
- Vane motor provides a long service life. VS balancing ensures smooth running and spares the wrists.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required thanks to the optimised wear resistance of rotors and discs.
- Optimum sanding results due to material-specific preselection of the number of strokes using infinitely adjustable speed adjustment.
- No laborious finishing work required, with work up to the edges and in corners thanks to the machine contour within the sanding base geometry.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	14,000 rpm
Sanding stroke	4 mm
Air consumption at rated load	310 l/min
Sanding pad	93 x 175 mm
Weight	1.2 kg



#### Scope of delivery

1 Stickfix abrasive sheet Titan 2 P120,  
1 bottle cleaning and lubricating oil  
LD-10 (50 ml)

**LRS 93 M** in a box

#### Model

LRS 93 M

#### Order no.

692 049

### Pneumatic orbital sander LRS 400



#### Maximum output over large surface areas.

- Faultless surface sanding of large, flat or levelled surfaces during coarse and intermediate sanding.
- Even more economical thanks to the new, extra long and wide sanding pad.
- Optimised two-hand guidance through the ergonomic softgrip handle and additional handle.
- Healthy work due to vibration minimisation through VS balancing.
- The robust vane motor has a service life up to 4 times longer than normal with minimum lubrication required thanks to the optimised wear resistance of rotors and discs.

#### Technical data

Operating pressure (flow pressure)	6 bar
No. of strokes	14,000 rpm
Sanding stroke	4 mm
Air consumption at rated load	390 l/min
Sanding pad	80 x 400 mm
Weight	2.6 kg



#### Scope of delivery

1 Stickfix sanding pad, soft  
1 Stickfix abrasive sheets Titan 2 P80,  
80 x 400 mm,  
1 bottle of cleaning and  
lubricating oil LD-10

**LRS 400** in a box

#### Model

LRS 400

#### Order no.

692 099

# Sanding

## Geared eccentric sander *ROTEX*®



Coarse sanding, fine sanding, polishing: ROTEX®.

### The benefits at a glance.

#### Extensive range of applications

- Three functions in one tool:  
coarse sanding, fine sanding, polishing.

#### Outstanding results

- Perfect handling and accurate guidance due to its low weight.
- Sanding pad brake to ensure no scratches when the tool is placed on the workpiece.
- Non-tiring thanks to the ergonomic shape of the handle.
- High sanding capacity with extremely user-friendly handling.

#### Significant time savings

- High coverage capacity due to continuous non-tiring operation.
- Quick and simple switching from coarse to fine sanding.

#### Low costs and long service life

- Initial costs minimised since the ROTEX® represents three tools in one.
- Extremely long service life of sanding pad because it is made of MPE.
- Long service life of abrasives thanks to the patented Jetstream® sanding pad.
- Additional protection offered by the 3 year guarantee.
- Up to 60 % faster than wet sanding by hand.

#### Health and safety

- Optimum health protection and clear view of the workpiece due to chip and dust extraction.
- Highest degree of safety and workpiece protection when the tool is set down thanks to the sanding pad brake.

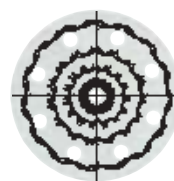
### Function

#### Three tools in one.

With each ROTEX®, you can perform three different types of work without changing tools: coarse sanding, fine sanding and polishing. Simply switch to a different motion setting and off you go!

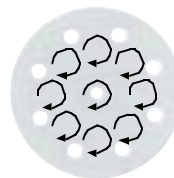
#### Coarse sanding/ Material removal

Efficient material removal, clean sanding pattern with the ROTEX® rotary motion: A combination of eccentric and rotational motion, maintaining a low surface temperature.



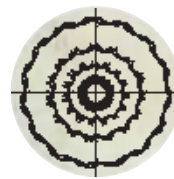
#### Fine sanding

Super-fine sanding pattern due to eccentric motion.



#### Polishing

The ROTEX® rotary motion produces shiny, hologram-free surfaces: a combination of eccentric and rotational motion, maintaining a low surface temperature.



**Cash savings are fact, not fiction! One tool, three applications and excellent working results.**

# Sanding

## Geared eccentric sander *ROTEX*®

**FESTOOL**

### ROTEX® RO 150 / RO 125

- Three tools in one concept: for coarse sanding, fine sanding and polishing.
- High sanding capacity with extremely user-friendly handling.
- Up to 60 % faster than wet sanding by hand.
- Sanding pad brake to ensure no scratches when the tool is placed on the workpiece.

### A *ROTEX*® for every task: RO 125 or RO 150.

In the *ROTEX*® family, you will find the suitable tool for your application. Below: The darker the shade, the more suitable the relevant *ROTEX*® is for the respective task.

Areas of application	RO 125 with dia. 125 mm	RO 150 with dia. 150 mm
Heavy-duty material removal		
Ergonomics		
Surface quality		
Sanding large areas		
Vertical work and work above head height		

### ROTEX® RO 150 E



### Maximum output with regard to material removal capacity.

With the RO 150, you will achieve a top material removal rate when processing large surfaces.

### ROTEX® RO 125 FEQ



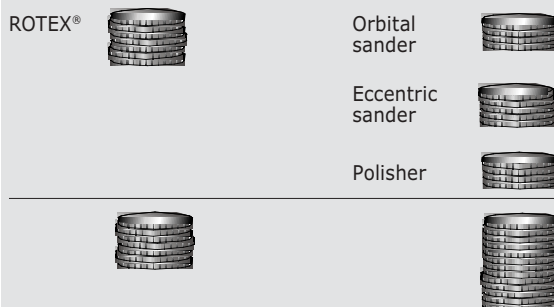
### Original, versatile – surprisingly easy-to-use!

The RO 125 is the tailor-made solution for work on vertical surfaces and work above head height.

### Efficiency comparison

#### It all adds up.

Cost of purchasing the *ROTEX*® compared with the cost of purchasing an orbital sander, eccentric sander and polisher.



#### The *ROTEX*® costs roughly half as much as the 3 individual tools put together.

The *ROTEX*® also has the advantage of a considerably higher rate of material removal than a conventional orbital sander. This adds up to an additional time-saving.

### Technical data

Power consumption	500 W
Speed <i>ROTEX</i> ® rotary motion	240 - 560 rpm
Eccentric motion of strokes	4,000 - 11,200 rpm
Sanding stroke	5 mm
Stickfix sanding pad	STF dia. 150 mm
Dust extractor connection dia.	27 mm
Weight	2.3 kg



Scope of delivery	Model	Order no.
1 Stickfix sanding pad dia. 150 (soft), 1 abrasive, operating tool		
<b>ROTEX® RO 150 E-Plus</b> in the Systainer	RO 150 E-Plus	571 487
<b>ROTEX RO® 150 E</b> in a box	RO 150 E	571 508

### Technical data

Power consumption	500 W
Speed <i>ROTEX</i> ® rotary motion	300 - 600 rpm
Eccentric motion of strokes	6000 - 12000 rpm
Sanding stroke	3.6 mm
Stickfix sanding pad	STF dia. 125 mm
Dust extractor connection dia.	27 mm
Weight	1.9 kg



Scope of delivery	Model	Order no.
1 Plug-it cable 4 m, 1 FastFix sanding pad dia. 125 mm, soft HT, 1 sanding disc STF-D125 Brilliant P120		
<b>ROTEX® RO 125 FEQ-Plus</b> in Systainer	RO 125 FEQ-Plus	571 535



# Sanding

## Eccentric sander



The Festool electric tools are extremely robust and ergonomically designed to fit your hand.  
All Festool electric tools offer the user a variety of ways to replace time-consuming and expensive manual work processes with quicker machine work.



### The lightweight.

- Optimised surface quality during final sanding through a sanding stroke of 3 mm.
- Best possible work comfort through the low weight of 1.8 kg and ergonomically designed softgrip cap and control elements.
- Top work quality through sanding pad brake, infinitely adjustable control electronics and a sanding pad which runs completely flat on the surface.
- The impact-resistant plastic housing and a high-performance ball bearing guarantee a long service life even in tough working conditions.

Technical data	
Power consumption	310 W
Speed	4000 - 10000 rpm
No. of strokes	8,000 - 20,000 rpm
Sanding stroke	3 mm
Interchangeable sanding pad	STF, dia. 150 mm
Dust extractor connection diameter	27 mm
Weight	1.8 kg



Scope of delivery	Model	Order no.
<b>ETS 150/3 EQ-Plus</b> in Systainer 1 Stickfix sanding pad dia. 150 (soft) 1 Stickfix sanding disc, 1 filter cartridge	ETS 150/3 EQ-Plus	571 549
<b>ETS 150/3 EQ</b> in a box 1 Stickfix sanding pad dia. 150 (soft), 1 Stickfix sanding disc, 1 filter cartridge	ETS 150/3 EQ	571 548
<b>ETS 150/3 EQ-C</b> in a box 1 Stickfix sanding pad dia. 150 (extra soft) 1 Stickfix sanding disc	ETS 150/3 EQ-C	571 552

# Sanding

## Eccentric sander

# FESTOOL

### Eccentric Sander ETS 150/5



#### The favourite for intermediate sanding.

- Top surface quality when intermediate and light sanding thanks to the 5 mm sanding stroke.
- Top work quality through sanding pad brake, infinitely adjustable control electronics and a sanding pad which runs completely flat on the surface.
- Work made easier at a weight of only 1.8 kg.

### Eccentric sander ES 125 EQ



#### Fine work. No effort.

- Perfect surface quality thanks to the finest sanding stroke.
- Low weight and compact design.
- Optimised Jetstream® principle and improved extraction due to the new hole circle spacing with dia. 125 mm.

### Eccentric Sander WTS 150/7



#### Powerful in action. Tough.

- 7 mm sanding stroke for sanding filling compounds and thick varnish coatings.
- Neat sanding pattern through flat, even tool running, regulated by control electronics.
- Non-tiring work through ergonomic tool design, vibration stop and very smooth running.
- Robust construction comprising low-wear plastic elements and a high-quality gear unit.

#### Technical data

Power consumption	310 W
Speed	4,000 - 10,000 rpm
No. of strokes	8,000 - 20,000 rpm
Sanding stroke	5 mm
Interchangeable sanding pad	STF, dia. 150 mm
Dust extractor connection diameter	27 mm
Weight	1.8 kg



#### Scope of delivery

1 Stickfix sanding disc, operating tool  
**ETS 150/5 EQ-Plus** in Systainer  
 With filter cartridge, Stickfix sanding pad dia. 150 (soft)  
**ETS 150/5 EQ** in a box  
 With filter cassette, Stickfix sanding pad dia. 150 (soft)  
**ETS 150/5 EQ-C** in a box  
 Stickfix sanding pad dia. 150 (extra soft)

#### Model

ETS 150/5 EQ-Plus  
 ETS 150/5 EQ  
 ETS 150/5 EQ-C

#### Order no.

571 551  
 571 550  
 571 553

#### Technical data

	With electronics	Without electronics
Power consumption	220 W	220 W
Speed	6,000 - 13,000 rpm	13,000 rpm
No. of strokes	12,000 - 26,000 rpm	26,000 rpm
Sanding stroke	2.5 mm	2.5 mm
Interchangeable sanding pad	STF dia. 125 mm	STF dia. 125 mm
Dust extractor connection diameter	27 mm	27 mm
Weight	1.1 kg	1.1 kg



#### Scope of delivery

1 Stickfix sanding pad dia. 125 (soft),  
 1 Stickfix sanding disc, filter cartridge  
 With electronics  
**ES 125 EQ-Plus** in Systainer  
**ES 125 EQ** in a box  
 Without electronics  
**ES 125 Q** in a box

#### Model

ES 125 EQ-Plus  
 ES 125 EQ  
 ES 125 Q

#### Order no.

571 499  
 571 504  
 571 503

#### Technical data

Power consumption	400 W
Speed	2,000 - 6,000 rpm
No. of strokes	4,000 - 12,000 rpm
Sanding stroke	7 mm
Interchangeable sanding pad	STF, dia. 150 mm
Dust extractor connection diameter	27 mm
Weight	1.9 kg



#### Scope of delivery

1 sanding pad dia. 150 (soft HT),  
 1 auxiliary handle  
 1 set of operating tools  
**WTS 150/7 E-Plus** in Systainer  
**WTS 150/7 E** in a box

#### Model

WTS 150/7 E-Plus  
 WTS 150/7 E

#### Order no.

571 586  
 571 587

# Sanding

## Orbital sander

### Orbital sander RS 100 CQ



#### Extreme Power

- Highly economical due to its extremely high material removal and 5 mm sanding stroke made possible by the reduction gearing.
- Optimum centre of gravity for perfect results and non-tiring working, even on vertical surfaces.
- Precise sanding results as a result of the sturdy magnesium sanding base means that no reworking is necessary.
- Very smooth running thanks to vibration stop ensures healthy working.
- The individually adjustable extraction volume setting using the adjusting wheel ensure a clean work space, a clear view and a healthy working environment.

#### Technical data

Power consumption	620 W
Speed	6,300 rpm
No. of strokes	12,600 rpm
Sanding stroke	5 mm
Interchangeable sanding shoe	115 x 225 mm
Dust extractor connection diameter	27 mm
Weight	3.1 kg



#### Scope of delivery

1 Stickfix abrasive

**RS 100 CQ-Plus** in Systainer  
**RS 100 CQ** in a box

#### Model

RS 100 CQ-Plus  
RS 100 CQ

#### Order no.

567 760  
567 759

### Orbital sander RS 400 EQ



#### The true one-handed machine.

- Perfect sanding quality on small and vertical surfaces or overhead thanks to the light and compact design.
- The dustproof encapsulated bearing provides a long service life which, in turn, ensures high economy.
- No reworking thanks to the uniform sanding pattern and the possibility of sanding up to the edge on three sides.
- Infinitely variable control electronics with constant speed for a wide range of uses on various materials.

#### Technical data

	With electronics	Without electronics
Power consumption	200 W	200 W
Speed	6,000 - 13,000 rpm	13,000 rpm
No. of strokes	12,000 - 26,000 rpm	26,000 rpm
Sanding stroke	2 mm	2 mm
Interchangeable sanding shoe	STF 80 x 130 mm	STF 80 x 130 mm
Connection for dust extraction dia.	27 mm	27 mm
Weight	1.1 kg	1.1 kg



#### Scope of delivery

1 Stickfix abrasive, 1 filter cartridge

With electronics

**RS 400 EQ-Plus** in Systainer  
**RS 400 EQ** in a box

#### Model

RS 400 EQ-Plus  
RS 400 EQ

#### Order no.

567 541  
567 553

Without electronics

**RS 400 Q** in a box

RS 400 Q

567 552



## Air tool connection



### Description and application

#### IAS 2 hose, antistatic version

temperature-resistant to +70 °C,  
in accordance with DIN IEC 312 leakage  
resistance < 10M Ohm

Length: 3.5 m  
Length: 5 m  
Length: 7 m

### Model

IAS 2-3500 AS  
IAS 2-5000 AS  
IAS 2-7000 AS

### Order no.

487 901  
488 176  
488 131

#### IAS 2 hose

temperature-resistant to +70°C

Length: 3.5 m  
Length: 5 m  
Length: 7 m

IAS 2-3500  
IAS 2-5000  
IAS 2-7000

488 132  
488 175  
488 133

#### Adapter

to connect Festool IAS 2 air tools  
to a simple compressed air line;  
without dust extraction; with silencer  
and coupling socket KS-1/4

AD 1/4-IAS 2

488 311

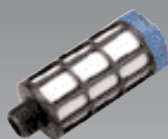
#### Adapter

for use with D 36 suction nozzles IAS 2  
hoses;  
*Note:* The use of IAS 2 hoses without this  
adapter for direct extraction of dust leads to  
damage to the hose and air tool through  
dust deposits at the connection points

AD-IAS 2/D36

488 418

## Compressed air materials



### Description and application

#### Plastic tubing

Supply line for compressed air to an  
IAS 2 adapter; ordered by length, dia. 13 mm

PL-13 BL

4103

Supply line for compressed air; automatic  
switch-on system for dust extractors in the  
SR series, ordered by length, dia. 6 mm

PU 6

9159

#### Silencer

for exhaust outlet

U-3/8F

2309

#### Sealing

for silencer U-3/8F

O-3/8

2225

#### Cleaning oil

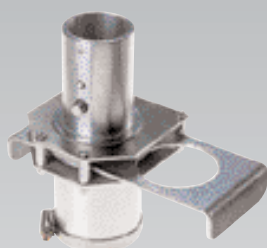
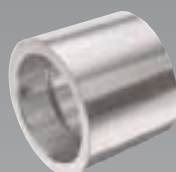
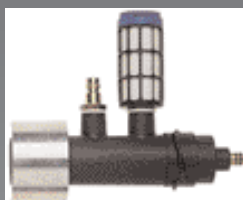
special oil for compressed air preparation,  
1 litre (no illust.)

LD 10

481 722

# Sanding Accessories

## IAS 2 compressed air accessories



Description and application	Model	Order no.
<b>IAS 2 connection</b> for the connection of the air tool version of CT mobile dust extractors to IAS 2 air tools via IAS 2 hose, parts set complete with compressed air connection hose and connection sleeve IAS 2-A/SR to extractor port, antistatic version	IAS 2-A-ASA/CT	454 757
<b>IAS 2 double adapter<sup>1)</sup></b> for simultaneous connection of 2 IAS 2 air tools (additional IAS 2 connection IAS 2-A-CT required) in alternate operation, compl. parts set consist. of star connector with sealing piece D 50 SV-AS/D 50 V, IAS 2 connection IAS 2-A-SR and compressed air connection hose, antistatic version	IAS 2-DA-CT	454 758
<b>IAS 2 connection</b> Adapter for connecting air tool version of SR dust extractor with IAS 2 hoses; integrated connection for compressed air supply, antistatic version	IAS 2-A-SR	488 181
<b>Connection sleeve</b> Special design for the SRM 312 LE-AS dust extractor, aluminium only, to be used combined with IAS 2 connection IAS 2-A-SR	IAS 2-AK-B1	489 263
<b>Connection sleeve</b> For connecting IAS air tools via an IAS 2 connection to central dust extraction systems, aluminium; adaptable to respective central dust extraction system after reworking with material removal; outside dia. 58 mm	IAS 2-AK	488 416
<b>Adapter</b> Sleeve to connect IAS 2 air tools via IAS 2 hose to power boxes from Herkules, outside dia. 40 mm; (not illustrated)	IAS 2-FA	488 417
<b>Adapter</b> Rubber sleeve to connect IAS 2 air tools via an IAS 2 connection; for central extraction units, boom arms manufactured by Rupes, IVO and Herkules, and Rupes power boxes	IAS 2-ZA	489 222
<b>IAS 2 connection</b> with sealing slide to connect IAS 2 extractor hoses to central dust extraction systems from Herkules  to connect IAS 2 extractor hoses to central dust extraction systems from Hamach/Rupes	IAS 2-S-ZA/Herkules  IAS 2-S-ZA/Hamach	490 605  490 603

<sup>1)</sup>Only to be operated in conjunction with IAS 2-A-ASA/CT.

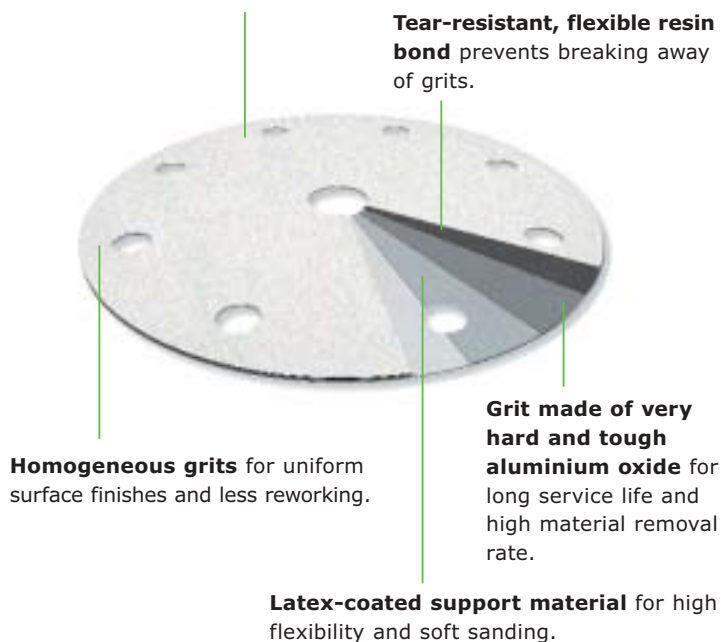
# Sanding

## Abrasive and Jetstream® principle

**FESTOOL**

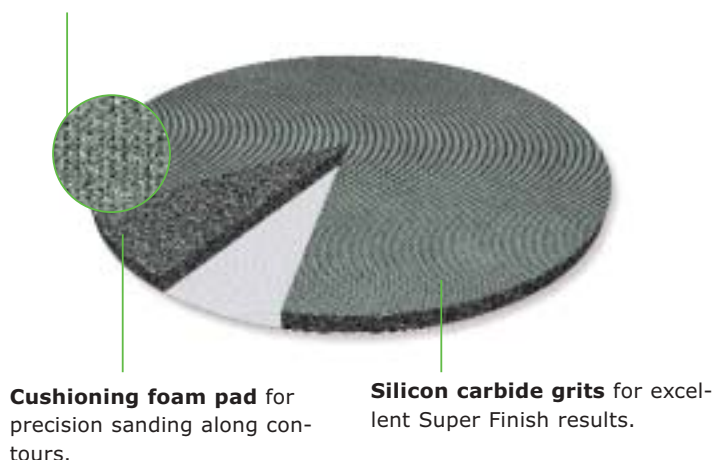
### Titan 2 The all-rounder for preparation of coarse and fine sanding

**Dust-repellant stearate coating** for less contamination and a longer service life.



### Platin 2 The Super Finish specialist for fine and extra fine sanding

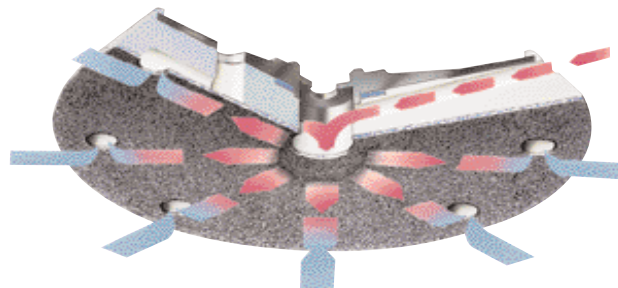
**Air-permeable support material** for optimised Jetstream® dust extraction.



#### Quick changes with the Stickfix system.

Festool abrasives can be changed without sticking or clamping: simply tear off and attach a new one. The Velcro system is reliable, slip-free and can be removed easily.

## Jetstream® principle



Patent no. EP0404133

### Prevents clogging.

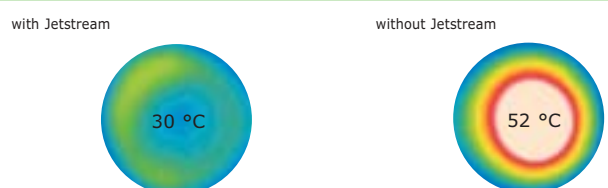
Festool abrasives and tools work with the patented Jetstream® principle: An additional hole in the centre and two air ducts prevent a vacuum from forming during dust extraction. The benefits:

#### 1. Less dust accumulation



The effect: Festool abrasives accumulate significantly less dust. Grits can work more efficiently and increase the sanding capacity by 100%.

#### 2. Reduced heat



Accumulated dust layers begin to generate heat after just 2 minutes sanding with the standard 6-hole principle. Jetstream® keeps the sanding area substantially cooler.


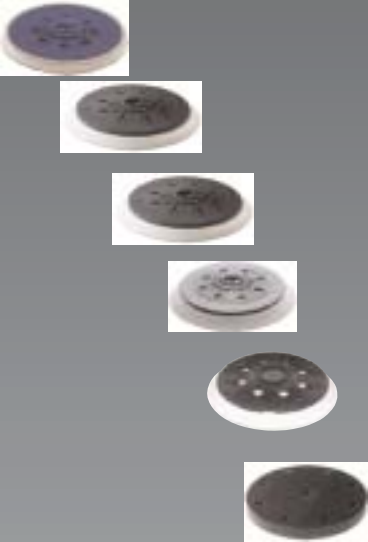



#### 3. Fewer blockages



Heat causes dust particles to clump together. The abrasive clogs up and becomes unusable (example: 2 mins. sanding new paintwork). The Jetstream® principle keeps the temperature low during sanding and effectively prevents blockages.

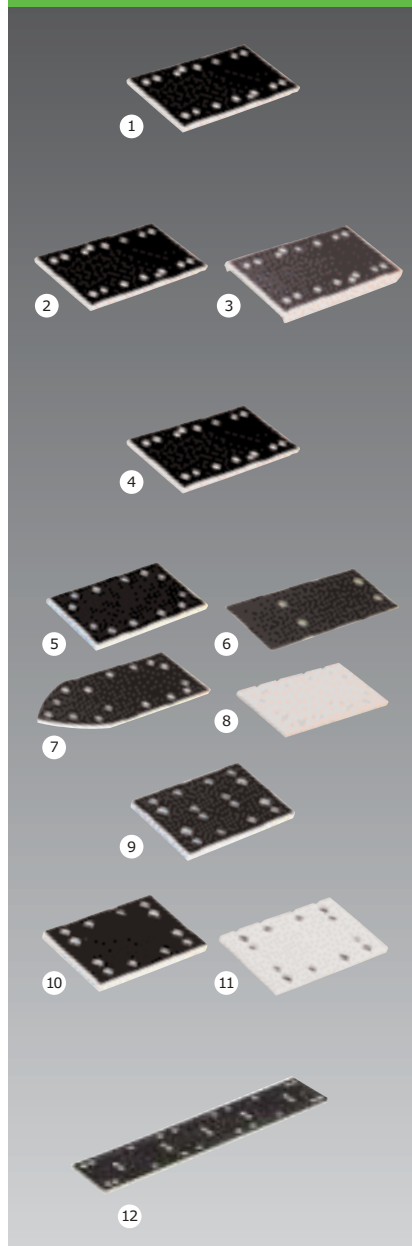
**Cash savings are fact, not fiction!** With the Jetstream® principle, you use sanding discs more intensively and extend their usable life by up to 30 %.

# Sanding Accessories

Sanding pads	Description and application	Model	Order no.
	<b>Pads and accessories dia. 185 for LEX 185</b>		
	Stickfix sanding pad, soft	ST-STF-D185/16-M8 W	490 514
	Stickfix sanding pad, extra soft	ST-STF-D185/16-M8 SW	490 526
	Interface pad (contents: 2) Cushioning device between the abrasive and the sanding pad. dia. 180 mm, height 15 mm	IP-STF-D180/16-STF/2	491 491
	<b>Sanding pad and accessories dia. 150 for ET 2, ES 150, ETS 150, RO 150, LET, LEX 150</b>		
	Stickfix sanding pad, hard	ST-STF-D150/8-M8 H	484 850
	Stickfix sanding pad, soft	ST-STF-D150/8-M8 W	486 381
	Stickfix sanding pad, soft High-temperature-resistant Velcro	ST-STF-D150/8-M8 W-HT	491 935
	Stickfix sanding pad, extra soft	ST-STF-D150/8-M8 SW	486 382
	Stickfix sanding pad, soft for Hamach/Rupes/Orka/Dessouter	ST-STF-D150/8-5/16" W	487 971
	Interface pad (contents: 2 units) Cushioning device between sanding disc and sanding pad. dia. 145 mm, height 15 mm	IP-STF-D145/8-STF/2	492 212
	<b>Pads and accessories dia. 125 for ES 125</b>		
	Stickfix sanding pad, soft	ST-STF-ES 125/90/8-M4-W-HT	492 280
	Stickfix sanding pad, extra soft (no illust.)	ST-STF-ES 125/90/8-M4-SW	492 282
	Interface pad	IP-STF-D120/90/8	492 271
	<b>Pads and accessories dia. 125 for LEX 125</b>		
	Stickfix sanding pad, hard	ST-STF-LEX 125/90-M8-H	492 284
	Stickfix sanding pad, soft (no illust.)	ST-STF-LEX 125/90-M8-W-HT	492 286
	Stickfix sanding pad, extra soft (no illust.)	ST-STF-LEX 125/90-M8-SW	492 288
	Interface pad	IP-STF-D120/90	492 271
	<b>Pads and accessories dia. 125 for RO 125</b>		
	FastFix sanding pad, hard	ST-STF D 125/8 FX-H	492 127
	FastFix sanding pad, soft (no illust.)	ST-STF D 125/8 FX-W-HT	492 125
	FastFix sanding pad, extra soft (no illust.)	ST-STF D 125/8 FX-SW	492 126
	Interface pad	IP-STF-D120/90/8	492 271








## Sanding pads



Description and application	Model	Order no.
<b>Sanding pads 115x221 for RS 1C, RS 100 C</b> 1 Stickfix sanding pad	SSH-STF-115x221/10 RS1C	488 226
<b>Sanding pad 115x225 for RS 1, RS 100, RS 200</b> 2 Stickfix sanding pad 3 Stickfix sanding pad with edge protection Sanding pad for clamping (no illust.) Sanding pad for clamping with edge protection (not illustrated)	SSH-STF-115x225/10 SSH-STF-115x225/10-KS SSH-115x225/10 SSH-115x225/10-KS	483 679 485 648 484 538 485 647
<b>Sanding pad 115x225 for LRB</b> 4 Stickfix sanding pad Sanding pad for clamping (no illust.) Sanding pad, unperforated (no illust.)	STF-SSH-115x225/10-LRB SSH-115x225/10-LRB SSH-115x225/0-LRB	486 919 485 669 484 585
<b>Sanding pad 93x175 for RS 3, LRS</b> 5 Stickfix sanding pad 6 Stickfix slat sanding pad 7 Stickfix V-shaped sanding pad 8 Sanding pad for clamping	SSH-STF-93x175/8 SSH-STF-L93x230/0 SSH-STF-V93x266/14 SSH-93x175/8	483 905 486 371 486 418 484 536
<b>Sanding pad 80x130 for RS 400</b> 9 Stickfix sanding pad	SSH-STF-80x130/14	489 252
<b>Sanding pad 80x130 for RS 4</b> 10 Stickfix sanding pad 11 Sanding pad for clamping	SSH-STF-80x130/8 SSH-80x130/8	489 252 491 366
<b>Sanding pad 80x400 for LRS 400</b> 12 Stickfix sanding pad	SSH-STF 80 x 400/17	493 140

# Sanding Abrasives

Abrasive type	Application/grit	Materials
<b>Brilliant</b> 	High-performance abrasives for paint and varnish (preliminary, intermediate and final sanding). P 40 - P 400 P 600 - F 1200	<ul style="list-style-type: none"> <li>• Thermoplastic and fibre-reinforced plastics</li> <li>• Undercoats, fillers, protective varnish, primers</li> </ul>
<b>Titan 2</b> 	High-performance abrasives for complete varnish preparation (preliminary, intermediate and final sanding). P 80 - P 800 F 1200 - F 3000	<ul style="list-style-type: none"> <li>• 2K polyester filler, 2K filler</li> <li>• KTL undercoat</li> <li>• water-based systems, scratch-resistant clear varnishes and 2K acrylic paint</li> </ul>
<b>Saphir</b> 	High-performance abrasives for extreme conditions. P 24 - P 120	<ul style="list-style-type: none"> <li>• Sanding reinforced concrete and fibre-reinforced plastics (GfK, CfK etc.)</li> <li>• Sanding well-set fillers</li> <li>• Deburring, removing rust, descaling</li> </ul>
<b>Vlies</b> 	High-performance abrasives for light sanding, roughening, cleaning, degreasing and matting. A 120 A 280 S 800	<ul style="list-style-type: none"> <li>• Removing oxidation (efflorescence) from light alloys</li> <li>• Polishing non-ferrous/heavy metals</li> <li>• Lightly sanding old coats of paint before repainting</li> </ul>
<b>Platin 2</b> 	High-performance abrasive for all finishing work and for reducing surface roughness. S 400 - S 4000	<ul style="list-style-type: none"> <li>• 2K filler</li> <li>• Dust inclusions prior to varnishing</li> <li>• Overspray</li> <li>• 2K acrylic paint</li> <li>• Scratch-resistant clear varnish</li> <li>• KTL undercoat</li> </ul>

## Effects

### Titan 2 and Platin 2 abrasives – to make everything go smoothly.

Whether grit, binding or adhesive cushion strips – only perfect interaction from all elements produces the perfect abrasive. A smooth surface finish is the quality indicator here. Titan 2 and Platin 2 pass with flying colours. Their special design means that they meet the requirements of the respective application. The following diagrams indicate the different modes of operation:

You can achieve maximum surface quality in the relevant application area: producing flat surfaces quickly and cleanly with Titan 2 and a more refined surface texture with Platin 2.

**Titan 2** For sanding surface contours and improving surface finishes:



The surface to be sanded is a heavily textured subsurface. The old paint needs to be removed.



When using Titan 2, elevated areas are sanded down evenly – the smaller the grit, the greater the material removal capacity.

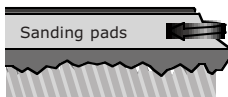


**The result:** Completely flat metal and painted surfaces ready for new coatings.

**Platin 2** For refining surface finishes:



The surface to be sanded is a textured surface freshly coated with filler or paint.



With fine to extra-fine grades of grit, Platin 2 does not affect the surface texture because the abrasive adapts to the surface.



**The result:** Surface finishes are improved without changing the surface texture.

# Sanding

## Abrasives for eccentric sanders

**FESTOOL**

### The Festool dry sanding system

The more compatible the abrasive with the tool, the more efficient your work will be. The 3 mm sanding stroke, together with the thick Titan 2 coating, provides the best surface quality. Even difficult coatings can be produced without problems using P 360 in filler sanding.

Eccentric sander	Festool Titan 2 abrasive	Other abrasives
Festool with 3 mm stroke	Festool Titan 2 P 360	Abrasives with grit P 500
Other with 5 mm stroke	Festool Titan 2 P 400	Abrasives with grit P 500

### Stickfix abrasive sheets

dia. 185 mm 16 hole for LEX 185

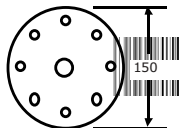


L	qty. in pack	Order no.
80	50	492 744
100	100	492 745
120	100	492 746
150	100	492 747
180	100	492 748
240	100	492 749
320	100	492 750
360	100	492 751

L	qty. in pack	Order no.
40	50	491 482
60	50	490 582
80	50	490 583
100	100	491 488

L	qty. in pack	Order no.
24	25	491 484
36	25	491 483

dia. 150 mm 8-hole for ROTEX® 150, ET 2, ES 150, LEX 150, ETS 150



L	qty. in pack	Order no.
80	50	492 335
100	100	492 336
120	100	492 337
150	100	492 338
180	100	492 339
220	100	492 340
240	100	492 341
280	100	492 342
320	100	492 343
360	100	492 344
400	100	492 345
500	100	492 346
800	100	492 347
F 1200	100 (unperforated)	492 348
F 1500	100 (unperforated)	492 349

L	qty. in pack	Order no.
40	50	486 400
60	50	486 401
80	50	486 402
100	100	486 403
120	100	486 404
150	100	486 405
180	100	486 406
220	100	486 407
240	100	486 408
320	100	486 409
400	100	486 410
600	100	486 997
800	100	486 998
1200	100	486 999

L	qty. in pack	Order no.
24	25	486 388
36	25	486 389
50	25	486 390
80	25	486 391
100	25	491 357

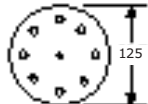
### Fleece

L	qty. in pack	Order no.
A 100	5 (unperforated)	482 778
A 280	5 (unperforated)	482 779
S 800	5 (unperforated)	482 780

### Platin 2

L	qty. in pack	Order no.
S 400	15 (unperforated)	492 368
S 500	15 (unperforated)	492 369
S 1000	15 (unperforated)	492 370
S 2000	15 (unperforated)	492 371
S 4000	15 (unperforated)	492 372

dia. 125 mm 8-hole for ROTEX® 125, ES 125, LEX 125



L	qty. in pack	Order no.
80	50	492 966
120	100	492 967
150	100	492 968
180	100	492 969
220	100	492 970
240	100	492 971
320	100	492 972
360	100	492 973
400	100	492 974
F 1200	100 (unperforated)	492 363
F 1500	100 (unperforated)	492 364
F 3000	100 (unperforated)	492 365

L	qty. in pack	Order no.
60	50	493 102
80	50	493 103
100	100	493 104
120	100	493 105
150	100	493 106
180	100	493 107
220	100	493 108
320	100	493 109
400	100	493 110

L	qty. in pack	Order no.
24	25	493 124
36	25	493 125
50	25	493 126
80	25	493 127

### Fleece

L	qty. in pack	Order no.
A 120	5 (unperforated)	488 107
A 280	5 (unperforated)	488 108

### Platin 2

L	qty. in pack	Order no.
S 400	15 (unperforated)	492 373
S 500	15 (unperforated)	492 374
S 1000	15 (unperforated)	492 375
S 2000	15 (unperforated)	492 376
S 4000	15 (unperforated)	492 377

# Sanding

## Abrasives for orbital sanders

### Stickfix abrasive sheets

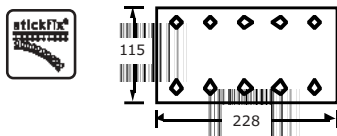
#### 80 x 400 mm 17-hole for LRS 400



#### Titan 2

L	qty. in pack	Order no.
40	50	493 175
60	50	493 176
80	50	493 177
120	50	493 178
180	50	493 179

#### 115 x 228 mm 10 hole for RS 200, RS 2, RS 100, RS 1, LRB-IAS



#### Titan 2

L	qty. in pack	Order no.
80	50	492 738
100	100	492 739
120	100	492 740
150	100	492 741
180	100	492 742
220	100	492 743

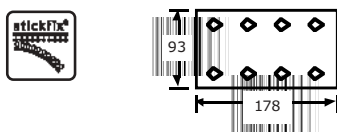
#### Brilliant

L	qty. in pack	Order no.
40	50	484 396
60	50	484 397
80	50	484 398
100	100	484 399
120	100	484 400
150	100	484 401
180	100	484 402
220	100	484 403
240	100	484 845
320	100	485 261
400	100	485 262

#### Fleece

L	qty. in pack	Order no.
A 100	5 (unperforated)	483 586
A 280	5 (unperforated)	483 587
S 800	5 (unperforated)	483 588

#### 93 x 178 mm 8 hole for RS 300, RS 3, LRS 93



#### Brilliant

L	qty. in pack	Order no.
40	50	484 382
60	50	484 383
80	50	484 384
100	100	484 385
120	100	484 386
150	100	484 387
180	100	484 388
220	100	484 389
240	100	484 844
320	100	485 259
400	100	485 260

#### Fleece

L	qty. in pack	Order no.
A 100	5 (unperforated)	483 583
A 280	5 (unperforated)	483 584
S 800	5 (unperforated)	483 585

#### 80 x 133 mm 14 hole for RS 400, RS 4



#### Brilliant

L	qty. in pack	Order no.
40	50	490 372
60	50	490 373
80	50	490 374
100	100	490 375
120	100	490 376
150	100	490 377
180	100	490 378
220	100	490 379
240	100	490 380
320	100	490 381
400	100	490 382

#### Fleece

L	qty. in pack	Order no.
A 100	5 (unperforated)	483 580
A 280	5 (unperforated)	483 581
S 800	5 (unperforated)	483 582

### Systainer



### Description and application

#### Systainer

With insert for abrasive dia. 150 mm  
 With insert for abrasive dia. 125 mm  
 With insert for abrasive dia. 115 mm  
 With insert for abrasive 80 x 133 mm  
 With insert for abrasive 93 x 178/93 mm  
 With insert for abrasive 115 x 228 mm

### Model

SYS-STF D 150  
 SYS-STF D 125  
 SYS-STF D 115  
 SYS-STF 80 x 133  
 SYS-STF 93 x 178/93 V  
 SYS-STF 115 x 228

### Order no.

487 431  
 489 463  
 487 432  
 487 435  
 487 434  
 487 433



# Sanding Rotary Sander

# FESTOOL

## Rotary sander RAS 115.04 E-Set



### Technical data

With electronics

Power consumption	500 W
Speed	1,350 - 3,800 rpm
Tool diameter	115 mm
Spindle thread	M 14
Dust extractor connection dia.	27 mm
Weight	1.6 kg



### Small, but wow!

- Slim, lightweight, powerful and clean.
- Dust extraction through extractor hood with brushes.
- MMC electronics with infinitely adjustable control electronics, controlled speed and thermal overload protection ensure a long service life.
- Integrated dust extractor duct.
- Stickfix sanding pad with damping layer to prevent waviness.
- Ergonomic design, housing diameter 58 mm for optimum handling.

### Scope of delivery

### Model

### Order no.

1 Stickfix sanding pad dia. 115,  
1 sanding pad 2F dia. 115,  
8 Stickfix sanding discs,  
1 extractor hood,  
1 protective cover,  
1 auxiliary handle,  
1 operating tool

With electronics  
**RAS 115.04 E-Set** in the Systainer

RAS 115.04 E-Set

570 733

## Stickfix abrasive sheets for rotary sanders

dia. 115 mm for RAS 115



### Saphir

L	qty. in pack	Order no.
24	25	484 151
36	25	484 152
50	25	485 245
80	25	485 246

### Fleece

L	qty. in pack	Order no.
A 80	5	484 165
A 180	5	484 166

## Stickfix sanding pad



### Description and application

### Model

### Order no.

#### Stickfix sanding pad, soft

elastic structure for universal use on flat and rounded surfaces dia.: 115 mm, connecting thread: M14

ST-STF D115/0-M14 W

484 173

#### Stickfix sanding pad, hard

high edge strength, for flat surfaces and narrow edges dia.: 115 mm, connecting thread: M14

ST-STF D115/0-M14 H

484 172

#### Fiberfix sanding pad

for fibre discs and Longlife fibre discs D 115 dia.: 115 mm, connecting thread: M14

ST-D115/0-M14/2F

485 298

#### Flexible sanding pad

dia.: 115 mm, connecting thread: -

ST-D115/0-EL

439 580

#### Adjusting nut for elastic sanding pad (no illust.)

SM-M14/D115

439 581

# Sanding

## Accessories for rotary sander

**FESTOOL**

### Accessories for rotary sander



Description and application	Model	Order no.
<b>Adapter</b> For Festool stirring rods: for fitting in chuck; for sanding pad with M 14 thread: for fitting in drills; for polishing pad D 80: for fitting in battery-operated drilling screwdriver clamping flange dia.: 10 mm	AD-D10/M14	483 944
<b>Protective cover</b> for rotary sander RAS 115.08E, RAS 115.04E	SH-RAS D115	484 753
<b>Brush insert for RAS</b> with plastic bristles; qty. in pack: 2 with metal bristles; qty. in pack: 1	AHP-RAS D115/2 AHM-RAS D115	484 727 484 728
<b>Brush insert for CSFD cleaning discs (3M)</b> with plastic bristles; qty. in pack: 1 (not illustrated)	AHP-RAS D115/3M	488 453
<b>Spark trap for dust extractor</b> for use when sanding spark discharging materials	D 50 FL	484 733
<b>Extension for rotary sanders</b>	M14/M14	483 945
<b>Additional handgrip for ROTEX, RAS</b>	ZG-RAS/RO	442 541

### Accessories for rotary sander



Description and application	Model	Order no.
<b>Circular brush, braided</b> for stripping paint and rust and cleaning surfaces	TB-D115/M14 RAS115	485 096
<b>Cup brush, wavy</b> for removing rust and slag, for metallic pure surfaces	TB-D80/M14 RAS115	485 097
<b>Cup brush, braided</b> for stripping paint and rust and cleaning surfaces	TB-D65/M14 RAS115	485 099

### Spot sander



Description and application	Model	Order no.
<b>Spot sander D 36</b> for sanding discs dia. 36 qty. in pack: 1	RH-SK D36/1	493 069
<b>Self-adhesive sanding discs, dia. 36</b> qty. in pack: 1000, F 2500, Brilliant qty. in pack: 100, F 3000, Titan 2	SK-D36/0-F2500-BR/1000 SK-D36/0-F3000-TI2/100	489 341 492 366

## Polishing

Polishing is becoming ever more important as customer demands and cost pressures increase. Festool, the auto paint trade partner, offers professional solutions to withstand all demands.





# Polishing

## The Festool system

Polishes are now available from Festool with a new formula, plus a new addition - MPA 11000 - the ceramic high-gloss polish. From polishing touched-up areas to correcting paintwork flaws to high gloss polishing – from Festool you now receive the complete system. Needless to say, everything is state of the art – a better shine is virtually impossible.

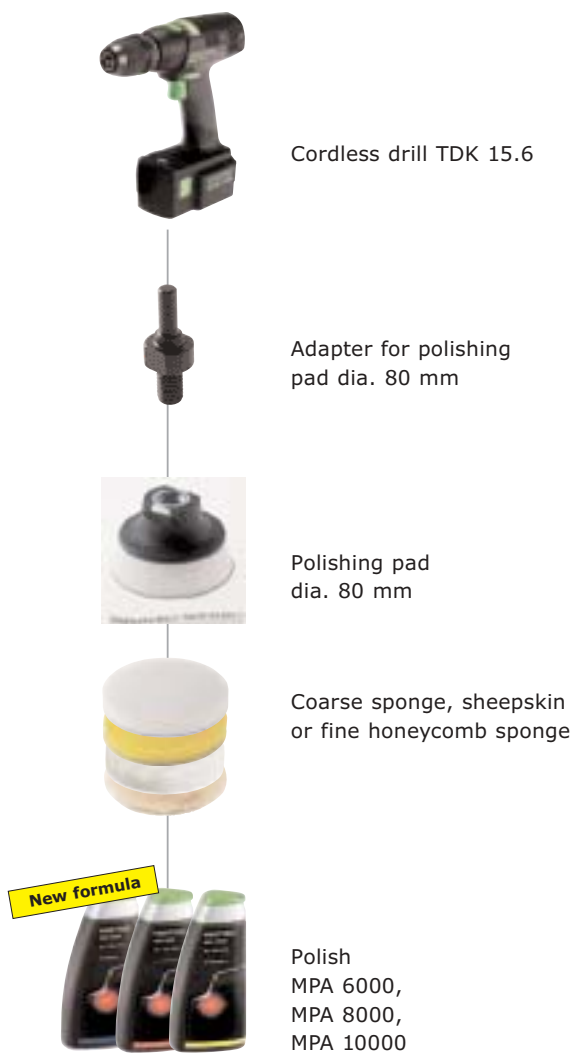
### A perfect surface in 3 steps



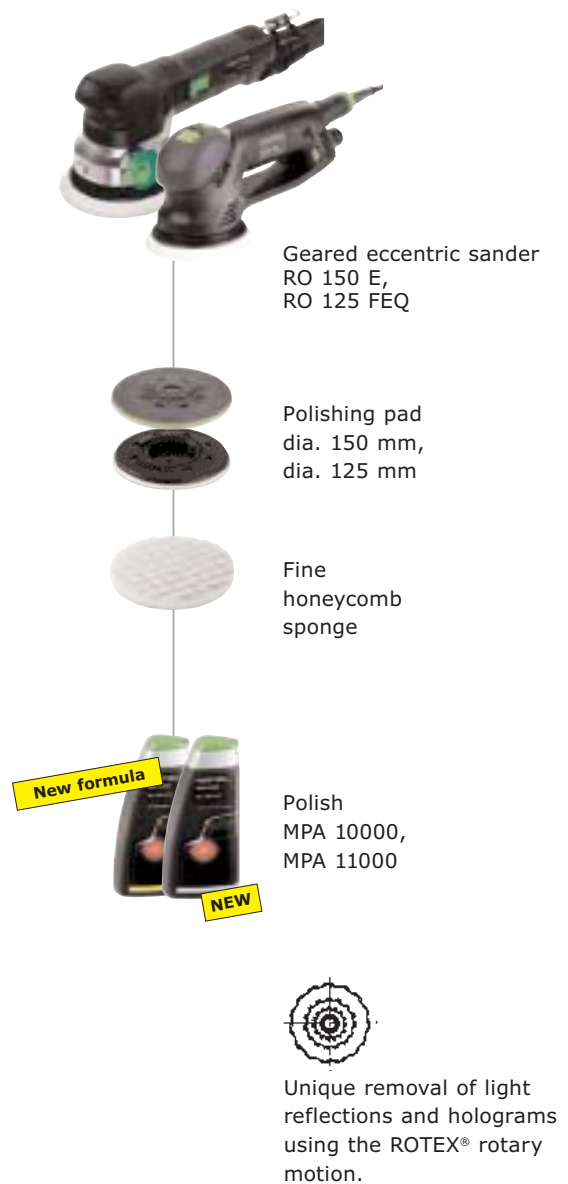


## Special applications

### Spot Repair



### Polishing out holograms



# Polishing Polishers

## ROTEX® RO 150 E



### Shiny over large surfaces.

- Three-in-one principle: optimised sanding capacity and perfect polishing results on large surfaces.
- Long lasting polishing of holograms.
- Particularly economical to use.

## ROTEX® RO 125 FEQ



### Original, versatile – surprisingly easy-to-use!

- Three-in-one principle: optimised sanding capacity and perfect polishing results on small and curved surfaces.
- Long lasting polishing of holograms.
- Particularly easy to use.

## Rotary polisher RAP 80.02 E



### The polishing specialist for small areas.

- Optimised manageability thanks to the slim, compact design and ergonomic construction
- Optimised work results through intelligent MMC electronics, PoliStick system and spindle stop.

### Technical data

Power consumption	500 W
Speed ROTEK® rotary motion	240 - 560 rpm
Eccentric motion of strokes	4,000 - 11,200 rpm
Sanding stroke	5 mm
Stickfix sanding pad	STF dia. 150 mm
Dust extractor connection dia.	27 mm
Weight	2.3 kg



### Scope of delivery

1 Stickfix sanding pad dia. 150 (soft),  
1 abrasive, operating tool

### Model

### Order no.

**ROTEX® RO 150 E-Plus** in the Systainer

RO 150 E-Plus

571 487

**ROTEX RO® 150 E** in a box

RO 150 E

571 508

### Technical data

Power consumption	500 W
Speed ROTEK® rotary motion	300 - 600 rpm
Eccentric motion of strokes	6,000 - 12,000 rpm
Sanding stroke	3.6 mm
Stickfix sanding pad	STF dia. 125 mm
Dust extractor connection dia.	27 mm
Weight	1.9 kg



### Scope of delivery

1 Plug-it cable 4 m,  
1 FastFix sanding pad dia. 125 mm, soft HT,  
1 sanding disc STF-D125, Brilliant P120

### Model

### Order no.

**ROTEX® RO 125 FEQ-Plus** in Systainer

RO 125 FEQ-Plus

571 533

### Technical data

Polishing pad dia. max.	80
Power consumption	500 W
Speed	750 - 2,300 rpm
Spindle thread	M 14
Weight	1.6 kg



### Scope of delivery

1 Stickfix polishing pad dia. 80 mm,  
extra handgrip

### Model

### Order no.

**RAP 80.02 E** in a box

RAP 80.02 E

570 722

# Polishing

## Polishers and accessories

# FESTOOL

### Rotary polisher RAP 150.03 E



#### The all-rounder for almost any type of polishing.

- Optimised work results through speed monitoring with MMC electronics.
- Non-tiring, safe work through ergonomic handle design and technical equipment.

### Rotary polisher RAP 180 E Star



#### Brilliant performance.

- Constantly high work quality through MMC electronics for controlling speed.
- High load capacity through cooling and overload protection adapted to speed.
- Non-tiring handling.

### Finish Sys



#### Everything for a perfect finish.

- Accessories for paint flaws, dust inclusions and holograms.

#### Technical data

With electronics

Power consumption	1050 W
Speed	900 - 2,500 rpm
Polishing pad dia. max.	150 mm
Spindle thread	M 14
Weight	2.7 kg



#### Scope of delivery

#### Model

#### Order no.

1 Stickfix polishing pad, dia. 150, extra handgrip

With electronics

**RAP 150.03 E** in a box

RAP 150.03 E

570 729

#### Technical data

Power consumption	1,500 watts
Speed range	800 - 2,400 rpm
Polishing pad dia. max.	180 mm
Spindle thread	M 14
Weight	3.6 kg



#### Scope of delivery

#### Model

#### Order no.

1 Stickfix polishing pad dia. 180,  
1 extra handgrip

**RAP 180 E Star** in a box

RAP 180 E Star

570 737

#### Scope of delivery

#### Model

#### Order no.

1 Sys 4,  
4 types of polish,  
1 honeycomb sponge, fine D 150,  
1 coarse sponge D 150,  
1 sheepskin D 150,  
50 sanding discs Titan 2 F 3000 D 125,  
5 discs Platin 2 S 2000 D 125,  
5 discs Platin 2 S 4000 D 125,  
2 microfibre polishing cloths,  
1 Festool Finish cleaner,  
1 spot sander,  
100 sanding discs Titan 2 F 3000

**Finish Systainer**

Finish Sys 3

493 065

### Stickfix abrasive sheets dia. 125 mm 8 hole for ES 125, LEX 125



#### Titan 2

L	qty. in pack	Order no.
F 1200	100 (unperforated)	493 363
F 1500	100 (unperforated)	493 364
F 3000	100 (unperforated)	493 365

#### Platin 2 (for finest sanding)

L	qty. in pack	Order no.
S 400	15 (unperforated)	492 373
S 500	15 (unperforated)	492 374
S 1000	15 (unperforated)	492 375
S 2000	15 (unperforated)	492 376
S 4000	15 (unperforated)	492 377

# Polishing Accessories

## Interface pad



## Polish



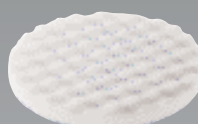
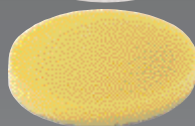
## Polistick for RAP 80.02 E



Description and application	Model	Order no.
<b>Interface pad</b> , cushioning device between sanding disc and sanding pad. dia. 125, qty. in pack: 2	IP-STF-D125/8-STF/2	491 490
<b>Polish</b> for correction of paint defects, coarse qty. in pack: 1 bottle qty. in pack: 6 bottles	MPA 6000/1 MPA 6000/6	492 424 492 419
rectification of paint defects, moderate qty. in pack: 1 bottle qty. in pack: 6 bottles	MPA 8000/1 MPA 8000/6	492 425 492 420
High-gloss polish, fine qty. in pack: 1 bottle qty. in pack: 6 bottles	MPA 10000/1 MPA 10000/6	492 426 492 421
Ceramic high-gloss polish, very fine qty. in pack: 1 bottle qty. in pack: 6 bottles	MPA 11000/1 MPA 11000/6	492 427 492 422
<b>Finish cleaner</b> , for gentle paint cleaning qty. in pack: 1 bottle	MPA-F	493 066
<b>Microfibre cloth</b> , for perfect paint finish qty. in pack: 2 cloths	MPA microfibre/2	493 068
Description and application	Model	Order no.
<b>Polishing pad</b> , for supporting the polishing accessories, with integrated cushion for optimised pressure distribution during polishing dia.: 70 mm, height: 20 mm, qty.: 1	PT-STF-D80-M14	488 337
<b>Adapter</b> , for polishing pad D 80: for use in cordless drilling screwdriver Clamping flange dia.: 10 mm, 1 x	AD-D10/M14	483 944
<b>Coarse sponge</b> , for polishing badly weather-beaten paint (paint treatment) for polishing during finishing work (after finest polishing) dia.: 80 mm, height: 20 mm, qty.: 5	PS-STF-D80x20-G/5	489 626
<b>Fine sponge</b> , for re-polishing/finish to remove dust inclusions dia.: 80 mm, height: 20 mm, qty.: 5	PS-STF-D80x20-F/5	489 017
<b>Sponge, fine, honeycombed D 80</b> , paint care for removing holograms dia.: 80 mm, height: 20 mm, qty.: 5	PS-STF-GWE/D80x20-F/5	493 365
<b>Felt, hard</b> , for preliminary polishing of new paints (spray mist) and dust inclusions dia.: 80 mm, height: 10 mm, qty.: 1 dia.: 80 mm, height: 10 mm, qty.: 5	PS-STF-D80x20-H PS-STF-D80x20-H/5	488 338 488 339
<b>Felt, soft</b> , re-polishing/finish of new paints (spray mist) and dust inclusions dia.: 80 mm, height: 10 mm, qty.: 1 dia.: 80 mm, height: 10 mm, qty.: 5	PS-STF-D80x20-W PS-STF-D80x20-W/5	488 340 488 341
<b>Sheepskin</b> , for high-gloss polishing dia.: 80 mm, height: 20 mm, qty.: 5	LF-STF-D80	490 247



## Polistick for RAP 150.03 E and ROTEX® 150, ROTEX® 125



Description and application	Model	Order no.
<b>Polishing pad for RAP 150.03 E</b> for supporting the polishing accessories, with integrated cushion for optimised pressure distribution during polishing dia.: 125 mm, height: 25 mm, qty.: 1	PT-STF-D150-M14	488 342
<b>Polishing pad for ROTEX® 150</b> dia.: 145 mm, height: 6 mm, qty.: 1	PT-STF-D150-M8	485 748
<b>Polishing pad for ROTEX® 125</b> dia.: 125 mm, height: 30 mm, qty.: 1	PT-STF D125 FX-RO125	492 128
<b>Coarse sponge</b> for polishing heavily weathered surfaces (preparation for painting) for polishing during finishing work (after finest sanding) dia.: 125 mm, height: 30 mm, qty.: 5 dia.: 150 mm, height: 20 mm, qty.: 1 dia.: 150 mm, height: 20 mm, qty.: 5 dia.: 150 mm, height: 30 mm, qty.: 5	PS-STF-D125x30-G/30 PS-STF-D150x20-G PS-STF-D150x20-G/5 PS-STF-D150x30-G/5	493 082 488 345 488 346 489 404
<b>Fine sponge and fine-honeycombed sponge</b> for polishing lightly weathered paint (paint maintenance) dia.: 125 mm, height: 30 mm, qty.: 5 (fine) dia.: 150 mm, height: 20 mm, qty.: 1 (fine) dia.: 150 mm, height: 20 mm, qty.: 5 (fine) dia.: 150 mm, height: 30 mm, qty.: 5 (fine) dia.: 125 mm, height: 30 mm, qty.: 5 (fine honeycomb) dia.: 150 mm, height: 20 mm, qty.: 5 (fine honeycomb) dia.: 150 mm, height: 30 mm, qty.: 5 (fine honeycomb)	PS-STF-D125x30-F/5 PS-STF-D150x20-F PS-STF-D150x20-F/5 PS-STF-D150x30-F/5 PS-STF-GEW/D125x30-F/5 PS-STF-GEW/D150x20-F/5 PS-STF-GEW/D150x30-F/5	493 081 488 343 488 344 489 403 493 080 489 115 489 405
<b>Hard felt</b> preliminary polishing of new paints (spray mist) and impregnated dust particles dia.: 125 mm, height: 10 mm, qty.: 5 dia.: 150 mm, height: 10 mm, qty.: 5	PF-STF-D150x20-H/5 PF-STF-D150x20-H/5	493 078 488 348
<b>Soft felt</b> final polishing/finish of new paints (spray mist) and impregnated dust particles dia.: 125 mm, height: 30 mm, qty.: 5 dia.: 150 mm, height: 10 mm, qty.: 1 dia.: 150 mm, height: 10 mm, qty.: 5 dia.: 150 mm, height: 10 mm, qty.: 5	PS-STF-D125x20-W/5 PS-STF-D150x20-W PS-STF-D150x20-W/5 PS-STF-D125x20-W/5	493 078 485 972 488 347 493 077
<b>Sheepskin</b> high-gloss polishing dia.: 125 mm, height: 30 mm, qty.: 5 dia.: 150 mm, height: 20 mm, qty.: 1	LF-STF-D125/5 LF-STF-D150	493 079 484 131

## Spot sander



Description and application	Model	Order no.
<b>Spot sander D 36</b> for sanding discs dia. 36 qty. in pack: 1	RH-SK D36/1	493 069
<b>Self-adhesive sanding discs dia. 36</b> qty. in pack: 1000, F 2500, Brilliant qty. in pack: 100, F 3000, Titan 2	SK-D36/0-F2500-BR/1000 SK-D36/0-F3000-TI2/100	489 341 482 366

## Polistick for RAP 180 E



## Description and application

### Polishing pad

for supporting the polishing accessories,  
with integrated cushion for optimised  
pressure distribution during polishing  
dia: 165 mm, height: 30 mm

## Model

PT-STF-D180-M14

## Order no.

488 349

### Coarse sponge

for polishing badly weather-beaten paint  
(paint treatment); for polishing during  
finishing work (after finest polishing)

dia: 180 mm, height: 20 mm, qty.: 1  
dia: 180 mm, height: 20 mm, qty.: 5  
dia: 180 mm, height: 30 mm, qty.: 5

PS-STF-D180x20-G  
PS-STF-D180x20-G/5  
PS-STF-D180x30-G/5

488 350  
488 351  
489 407

### Fine sponge and fine-honeycomb sponge

for polishing lightly weathered  
paint (paint maintenance)

dia: 180 mm, height: 20 mm, qty.: 1 (fine)  
dia: 180 mm, height: 20 mm, qty.: 5 (fine)  
dia: 180 mm, height: 30 mm, qty.: 5 (fine)  
dia: 180 mm, height: 20 mm, qty.: 5 (fine honeyc.)  
dia: 180 mm, height: 30 mm, qty.: 5 (fine honeyc.)

PS-STF-D180x20-F  
PS-STF-D180x20-F/5  
PS-STF-D180x30-F/5  
PS-STF-GEW/D180x20-F/5  
PS-STF-GEW/D180x30-F/5

488 352  
488 353  
489 406  
489 116  
489 408

### Hard felt

for preliminary polishing of new paints  
(spray mist) and dust inclusions

dia: 180 mm, height: 15 mm, qty.: 1  
dia: 180 mm, height: 15 mm, qty.: 5

PF-STF-D180x20-H  
PF-STF-D180x20-H/5

485 250  
488 355

### Soft felt

for re-polishing/finish of new paints  
(spray mist) and dust inclusions

dia: 180 mm, height: 15 mm, qty.: 1  
dia: 180 mm, height: 15 mm, qty.: 5

PF-STF-D180x20-W  
PF-STF-D180x20-W/5

485 249  
488 354

### Sheepskin

high-gloss polishing

dia: 180 mm, height: 20 mm, qty.: 1

LF-STF-D180

485 248



A detailed view of the Festool ASA 5000 system. It features a black and silver control unit with various blue and black hoses connected to it. A green corrugated hose is also visible. The unit is mounted on a wooden workbench. The Festool logo and model name 'ASA 5000' are visible on the top of the unit.

**FESTOOL** ASA 5000

## Organising the workshop

Organisation, safety and cleanliness are guarantees of optimum work processes, happy workers and the economic success of your operations.

Festool gives you the chance to create the right solution for you using a variety of components.





# Organising the workshop

## The Festool system

### Faster

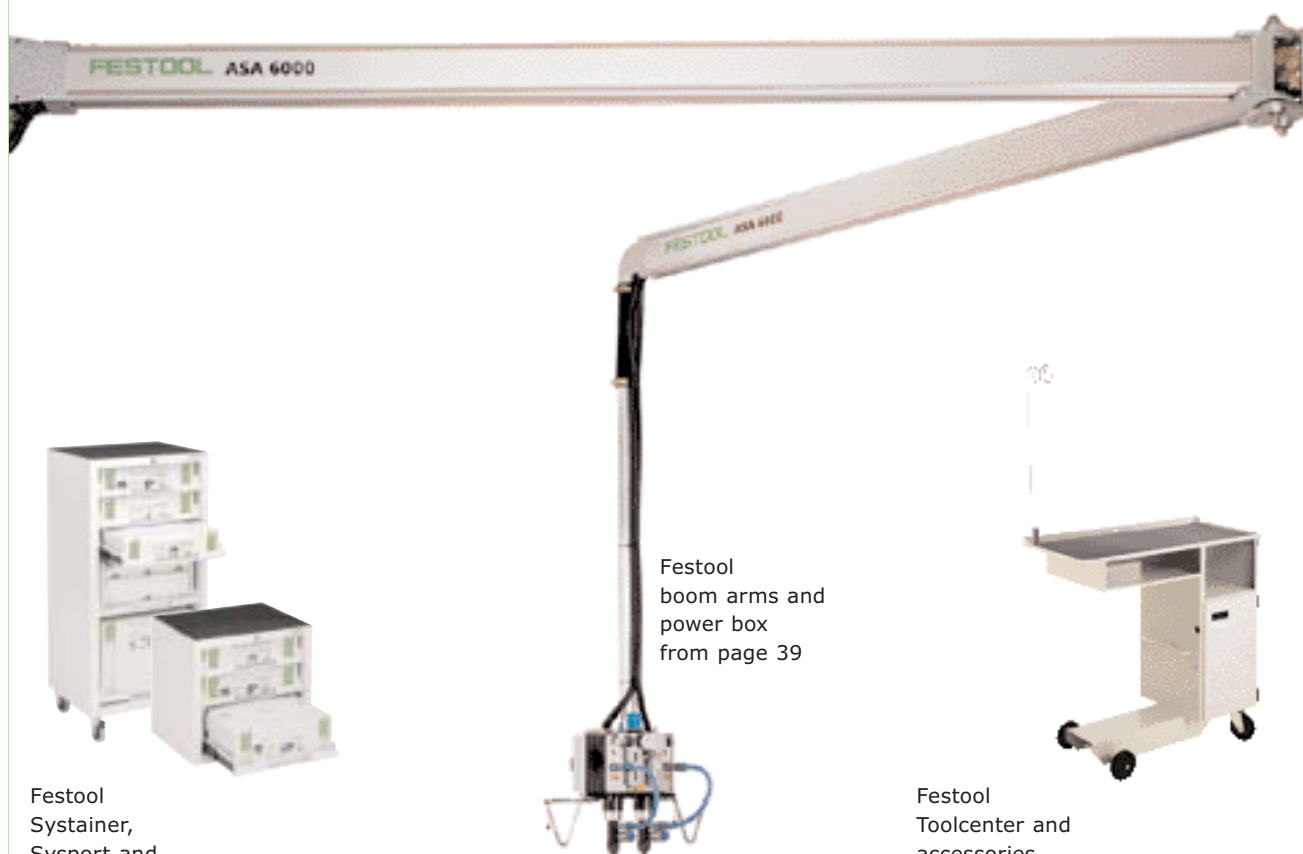
The Festool workspace systems reduce dismantling and set-up times, since the materials are always available in the workplace. This means that you can significantly reduce your work times. Depending on the operation, you can make savings of up to 40 %.

### Better

Compatible system components guarantee you better results. This makes operation more economically efficient and makes a good impression on your customers.

### Safer

The integrated extraction system and the ergonomic arrangement of the tools at the workplace create healthy workplace conditions and increases safety for your employees.



Festool  
Systainer,  
Sysport and  
accessories  
from page 45

Festool  
boom arms and  
power box  
from page 39

Festool  
Toolcenter and  
accessories  
page 40



Festool  
TURBO<sup>1)</sup>  
extraction turbines  
from page 42



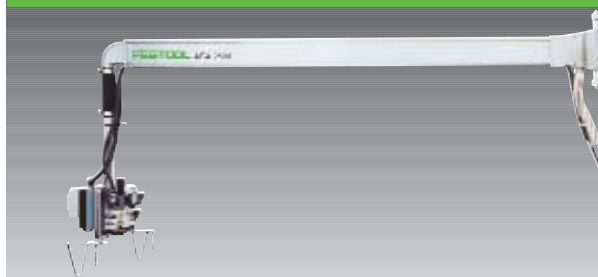
Festool  
mobile dust  
extractors and  
accessories  
from page 54

# Organising the workshop

## Boom arm

**FESTOOL**

### Boom arm ASA 2500



#### Quick and easy changes of location.

- Maximum economic efficiency as up to 2 electric power tools (EW model) or compressed air tools (EW/DW models only) are ready to use at any time.
- Safe and ergonomic organisation of the workplace without the risk of tripping.
- Swivel arm design with large, semicircular angle of rotation for rapid extension of the operating radius.

### Boom arm ASA 5000/6000



#### The flexible tool – suitable for corners.

- Maximum extension of the operating radius through two-piece, foldable extension arm.
- Maximum economic efficiency as up to 2 electric power tools (EW model) or compressed air tools (EW/DW models only) are ready to use at any time.
- Safe and ergonomic organisation of the workplace without the risk of tripping.

### Boom arm CT-ASA



#### Mobile dust extraction.

- Boom arm for all Festool CT mobile dust extractors from CT/CTM 22.
- Simple assembly.
- Ergonomically healthy work through hose guidance from above and an arm that can swivel 180°.

#### Technical data

Radius	2.5 m
Maximum clear height	3.5 m
Weight	55 kg



#### Scope of delivery

Boom arm

**ASA 2500 EW** in a box  
swivellable arm with wall bracket, cable duct and power box with  
2 x 230V connections, in a box

#### Model

ASA 2500 EW\*

#### Order no.

583 171

**ASA 2500 EW/DW** in a box  
swivellable arm with wall bracket, cable duct and power box with  
2 x 230V connections and  
compressed air service unit with  
3 connections

ASA 2500 EW/DW\*

583 173

#### Technical data

	ASA 5000	ASA 6000
Radius	max. 5 m (2 x 2.5 m)	max. 6 m (2 x 3 m)
Maximum clear height	3.5 m	3.5 m
Weight	approx. 80 kg	approx. 82 kg



#### Scope of delivery

Boom arm

**ASA 5000 EW** in a box  
**ASA 6000 EW** in a box  
Double-jointed arm with wall bracket, cable duct and power box with  
3 x 230V connections

#### Model

ASA 5000 EW\*  
ASA 6000 EW

#### Order no.

583 172  
583 209

**ASA 5000 EW/DW** in a box  
**ASA 6000 EW/DW** in a box  
Double-jointed arm with wall bracket, cable duct and power box with  
3 x 230V connections and compressed-air supply unit with 3 connections

ASA 5000 EW/DW\*  
ASA 6000 EW/DW

583 174  
583 258



#### Scope of delivery

Boom arm

1 extractor hose 1.6 m D 50,  
1 power extension cable 1.5 m  
1 set of assembly material  
(without mobile dust extractor)

#### Model

CT ASA

#### Order no.

492 766

**CT ASA** in a box  
for CT/CTM 44 and CT/CTM 55

**CT ASA/SB** in a box  
with handle for CT/CTM 22  
and CT/CTM 33

CT ASA/SB

492 771

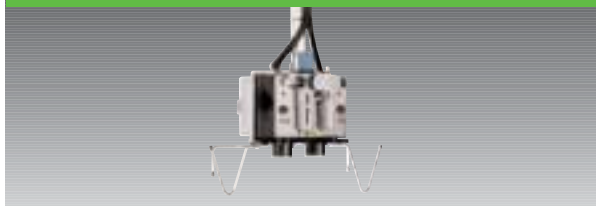
\* Allow for approximately 2 months delivery



# Organising the workshop

## Boom arm

### Energy box EAA 3/3 EW/DW



#### The green light for professional work.

- Maximum economic efficiency at up to 2 electric power tools or air tools are ready to use at any time.
- Safe and ergonomically-designed work space thanks to the power supply and extractor connections which are integrated in a power box.
- Extremely flexible due to sockets with mobile dust extractor remote control or permanent power supply and quick coupling connections for compressed air with or without oil.

### Technical data

Total length	1 m - 1.9 m
Weight	15 kg
Connecting line length	approx. 8 m



### Scope of delivery

Energy box

**EAA 3/3 EW/DW** in a box,  
energy box with  
3 x 230V / 240 V socket and  
complete compressed air supply unit

### Model

EAA 3/3 EW/DW

### Order no.

583 270

### Toolcenter TC 3000



#### Everything is to hand.

- All materials can be accessed at all times using the handle, saving time and optimising organisation of work.
- Large rubber wheels for mobility and two steering rollers for efficient handling.
- Mobile dust extractor can be quickly and easily adapted and adjusted in the extractor dock with no tools needed.

### Technical data

Dimensions (L x W x H)	470 x 1070 x 960 mm
Storage area	460 x 990 mm
Working height	925 mm
Weight	ca. 43 kg

### Scope of delivery

Hose holder

**TC 3000** in a box

### Model

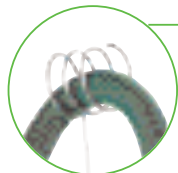
TC 3000

### Order no.

583 285

Accessories Toolcenter, see page 44

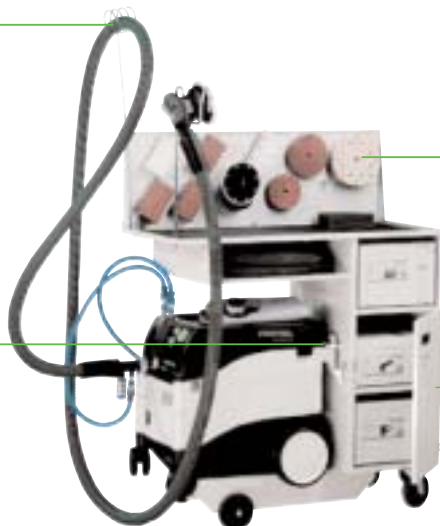
### Tidiness is half the job.



Safe guidance of hoses and cables to prevent tripping and a robust tool bracket.



Extractor dock for securing CT mobile dust extractors without the need of tools.



Integrated abrasives storage.



Lockable tool cabinet for Systainer up to size 3.

Example of equipment. The Toolcenter TC can be equipped according to your individual wishes.

# Organising the workshop

## TURBO extraction turbine

**FESTOOL**

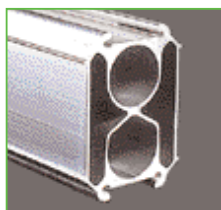
### Powerful extraction – the extraction turbine TURBO<sup>1)</sup> for efficient work.

The **extraction turbines TURBO 3091, 4001, 7501** allow you to profit from our many decades of experience. For over 20 years, the extraction turbines we developed have been used successfully in individual European countries. Our knowledge in the area of extraction technology and our experience as a system provider make us a competent partner when it comes to equipping your workshop with an efficient, individual extraction solution.

The extraction turbine TURBO can be accommodated directly at the workplace, or separately in another room. The design of the pipe system depends on the individual local workshop conditions, the number of workplaces and the electrical and air tools running parallel to it.

### Flexible work.

With the boom arm, the compressed air power supply can be positioned conveniently and without complications wherever work is being carried out. And without the risk of tripping up because the power supply comes from above. The lengths of 5 m or 6 m and the double-jointed system make application highly flexible and with a large operating radius.



### Light and stable.

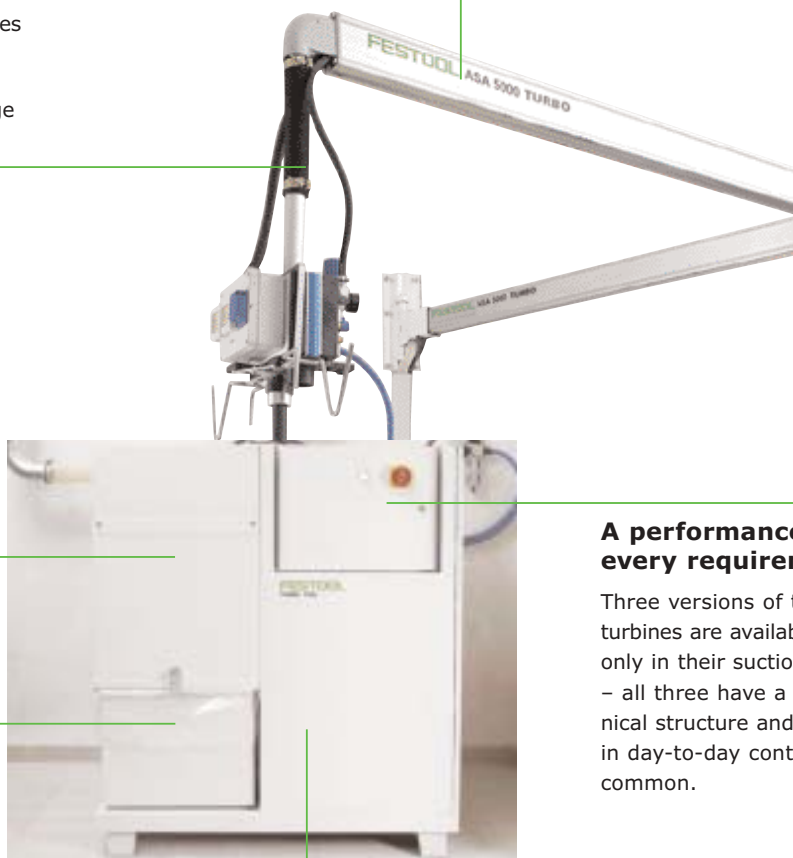
The cross section shows the stable interior. The profile structure provides the light-aluminium boom arm with stability and high torsional rigidity. The smooth-walled extraction channel integrated in the profile prevents dust deposits.

### High-pressure cleaning.

With the Jet-Air cleaning system, a rotating compressed air nozzle blows the filter free. The cleaning, which is carried out automatically on a cyclical basis, prevents the dust from caking and ensures a long filter service life.

### Simply clean.

The drawn in sanding dust is collected in the dust container. The dust can be disposed of practically and conveniently with a plastic dust bag.



### A performance to meet every requirement.

Three versions of the extraction turbines are available. They differ only in their suction performance – all three have a robust, technical structure and dependability in day-to-day continuous use in common.

### Constant dust extraction.

The high suction performance allows ideal removal of the sanding dust, even over long pipe distances.

<sup>1)</sup> Currently only available in Europe

# The extraction turbine

## Technical data

### TURBO<sup>1)</sup> extraction turbines



### The powerful dust extraction tools.

- High suction power, even if several air or power tools are used at the same time, thanks to the endurance of the three-phase current motor in continuous operation.
- Simple and application-oriented operation.
- Unique Jet-Air cleaning system for the main filter.

Technical data	TURBO 3091	TURBO 4001	TURBO 7501
Mains voltage/ Frequency [V/Hz]	400/50	400/50	400/50
Current consumption [kW]	2.2	3	5.5
Compressed air supply Jet-Air cleaning (flow pressure) max. [bar]	6	6	6
Suction capacity max. [l/min]	4 670	4 833	8 500
Vacuum max. [Pa]	28,000	28,000	23,500
Noise level [db(A)]	68	70	78
Dimensions (DxWxH)[mm] approx.	500 x 1000 x 900	500 x 1000 x 900	600 x 1100 x 1200
Weight [kg] approx.	107	109	200
Filter surface area [cm <sup>2</sup> ]	50 000	50 000	50 000
Hose socket Additional air flow/exhaust Outside dia. [mm]	75	75	75
Protection [IP]	54	54	54
Parallel operation compressed air/electric power tools	2 - 3	3 - 4	5 - 6

### Scope of delivery

Extraction turbine, 1 dust bag, 1 main filter  
(installed), on pallet

### Model

Turbo 3091  
Turbo 4001  
Turbo 7501

### Order no.

273 555  
273 394  
273 395

### System components, accessories



### Description and application

### Model

### Order no.

#### Extraction power box

with 2 x 230V connections and complete  
compressed air supply unit with  
3 connection, in a box

EAA2/3 EW/DW TURBO

583 808

#### Boom arm

5 m boom extension, with wall bracket and  
12 V control system cable, 230 V cable,  
air hose dia. 13 mm, 2 m aluminium pipe,  
dia. 50 mm, 1 m extractor hose dia. 50 mm,  
in a box

ASA 5000 TURBO

273 382

#### Boom arm

6 m boom extension, with wall bracket and 12 V  
control system cable, 230 V cable, air hose  
dia. 13 mm, 2 m aluminium pipe, dia. 50 mm,  
1 m extractor hose dia. 50 mm, in a box

ASA 6000 TURBO

273 434

#### Dust bag

Plastic, contents: qty.: 10

STB-TURBO

492 730

#### Main filter

Filter surface area 50,000 cm<sup>2</sup>,  
Degree of filtration 99.9 %  
Contents: qty.: 1

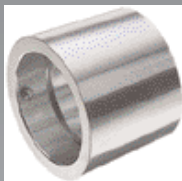
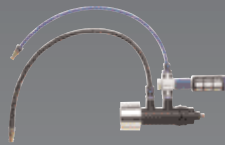
STB-TURBO

492 731

# Organising the workshop

## Boom arm

### Accessories for boom arms



Description and application	Model	Order no.
<b>Service unit</b> for equipping boom arm, model EW (only electric tool operation), for model EW/DW for combined operation (electric and air tools)	VE 1-ASA	488 508
<b>IAS 2 connection<sup>1)</sup></b> for connection to IAS 2 hoses; integrated connection for compressed air supply via air connection hose; antistatic version <b>for CT mobile dust extractor in air tool version</b>	IAS 2-A-ASA/CT	454 757
<b>IAS 2 connection</b> for connection to IAS 2 hoses; integrated connection for compressed air supply via air connection hose; antistatic version <b>for SR dust extractor in air tool version</b>	IAS 2-A-ASA/SR	488 180
<b>Connection sleeve</b> for connecting IAS 2 air tools via an IAS 2 connection to central dust extraction systems, aluminium; adaptable to respective central dust extraction system after reworking with material removal Outside dia. 58 mm	IAS 2-AK	488 416
<b>Adapter</b> Sleeve to connect IAS 2 air tools via IAS 2 connection to power boxes from Herkules Outside dia. 40 mm	IAS 2-FA	488 417
<b>Adapter</b> Rubber sleeve to connect IAS 2 air tools via an IAS 2 connection; for central extraction units, boom arms manufactured by Rupes, IVO and Herkules, and Rupes power boxes	IAS 2-ZA	489 222
<b>Bracket</b> for ceiling or wall assembly of the energy box	EAA-W/D	489 123
<b>IAS 2 connection with sealing slide</b> to connect IAS 2 extractor hoses to central dust extraction systems from Herkules to connect IAS 2 extractor hoses to central dust extraction systems from Hamach/Rupes	IAS 2-S-ZA/Herkules IAS 2-S-ZA/Hamach	490 605 490 603

<sup>1)</sup>Only to be operated in conjunction with IAS 2-A-ASA/CT.

# Organising the workshop

## Boom arm

### Accessories for Toolcenter



Description and application	Model	Order no.
<b>Service unit</b> for Toolcenter TC 3000, for compressed air supply for mobile dust extractor CT/CTM 22, CT/CTM 33 and dust extractor SR 151 and SR 200 series in air tool version; assembly set with nut, fastening parts and DL connection hose	VE-TC 3000	454 808
<b>Rear panel</b> for Toolcenter TC 3000 incl. 10 to hanging hooks for well arranged storage of abrasives  dimensions length x width: 990 x 340 mm	TC 3000 RW	452 986
<b>Hose holder</b> for Toolcenter TC 2000, TC 3000, for retrofitting	TC-SH	487 304
<b>Tool holder</b> for Toolcenter TC 2000, TC 3000, for safe, ergonomic storage of electric and air tools	TC-WHR	452 985
<b>Strap</b> for Toolcenter TC 2000, TC 3000, for securing dust extractors SR 151 and SR 200 series	TC-SG-SR	454 776
<b>Fixing bow</b> for retrofitting Toolcenter TC 2000 for securing mobile dust extractors CT/CTM 22, CT/CTM 33	TC-FB	454 773



# Organising the workshop

## Systainer and Sortainer

**FESTOOL**



*In Systainers, Festool has developed a unique organisation and transportation concept for tools and accessories. This offers the tradesman the opportunity to speed up his work considerably with minimum effort. The tools are protected from damage during transport and at the workplace.*

### Systainer, Sysport, Sortainer and accessories



Description and application	Model	Order no.
<b>Systainer Port</b> Offers space-saving and safe storage for Systainers  With 3 telescopic Systainer drawers With 5 telescopic Systainer drawers	Sysport 500 Sysport 1000	487 728 491 922
<b>Telescopic drawer, individual</b>	Sysport/TA	487 802
<b>Set of castors</b> For mobile use of the Systainer Port	Sysport/RS	487 803
<b>Systainer without inserts</b> 395 x 295 mm (L x W)  Height: 105 mm, weight: 1.4 kg Height: 157 mm, weight: 1.6 kg Height: 210 mm, weight: 1.9 kg Height: 315 mm, weight: 2.4 kg 590x390x210 mm (LxWxH), weight: 4.0kg 590x390x157,5mm (LxWxH), weight: 3.4 kg 265x170x70 mm (LxWxH), weight: 0.4 kg	SYS 1 SYS 2 SYS 3 SYS 4 SYS MAXI 1 SYS MAXI 2 SYS MINI	445 433 445 434 445 596 445 597 490 701 492 582 460 853
<b>Sortainer</b> with individual organisation options. Each drawer with 2 separating ridges; plus label holder and lettering strip 395x295x210 mm (L x W x H)  1 large, 1 medium and 2 small drawers weight: 3.9 kg 6 medium-sized drawers weight: 4.9 kg 3 medium and 6 small drawers weight: 5.1 kg 12 small drawers weight: 5.3 kg	SYS 3 Sort/4  SYS 3 Sort/6  SYS 3 Sort/9  SYS 3 Sort/12	491 522  491 984  491 985  491 986

# Organising the workshop

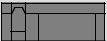
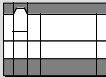

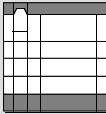
## Systainer

### Systainer, Sysport and accessories



Description and application	Model	Order no.
<b>Systainer with inserts for abrasives</b> 395 x 295 mm (L x W)  SYS 1, Height: 105 mm SYS 1, Height: 105 mm SYS 1, Height: 105 mm SYS 1, Height: 105 mm SYS 1, Height: 105 mm SYS 2, Height: 157 mm SYS 2, Height: 157 mm SYS 3, Height: 210 mm	SYS-STF D 115 SYS-STF D 125 SYS-STF D 80 x 133 SYS-STF 93 V SYS-STF Delta 100 x 150 SYS-STF 115 x 228 SYS-STF 93 x 178/93 V SYS-STF D 150	487 432 489 463 487 435 487 633 489 464 487 433 487 434 487 431
<b>Systainer with universal insert</b> 395 x 295 mm (L x W)  with universal insert for sundries  With single diced foam insert adaptable to any shape  With double diced foam insert adaptable to any shape  With individual removable plastic containers	SYS 1 Uni   SYS 1 Vari   SYS 2 Vari   SYS 1 Box	487 194   487 410   487 485   487 552
<b>Plastic containers for SYS 1 box</b> Red, qty.: 12, (LxWxH): 54x54x63 mm Yellow, qty.: 6, (LxWxH): 108x54x63 mm Blue, qty.: 3, (LxWxH): 108x108x63 mm Green, qty.: 2, (LxWxH): 162x108x63 mm	BOX 54x54/12 SYS BOX 108x54/6 SYS BOX 108x108/3 SYS BOX 162x108/2 SYS	487 657 487 658 487 659 487 660
<b>Foam insert for Systainer</b> Foam insert, set with a nap-finish (cover), diced and floor mat respectively  <b>Diced foam insert set</b> Adaptable to any desired shape, diced mat qty.: 2	SYS Vari SE    SYS Vari RM	487 427    487 428

### Which foam inserts fit in which Systainer?

<b>SYS 1</b> 1 x SYS Vari SE 	<b>SYS 3</b> 1 x SYS Vari SE 2 x SYS Vari RM 
<b>SYS 2</b> 1 x SYS Vari SE 1 x SYS Vari RM 	<b>SYS 4</b> 1 x SYS Vari SE 4 x SYS Vari RM 
■ = SYS Vari SE □ = SYS Vari RM	

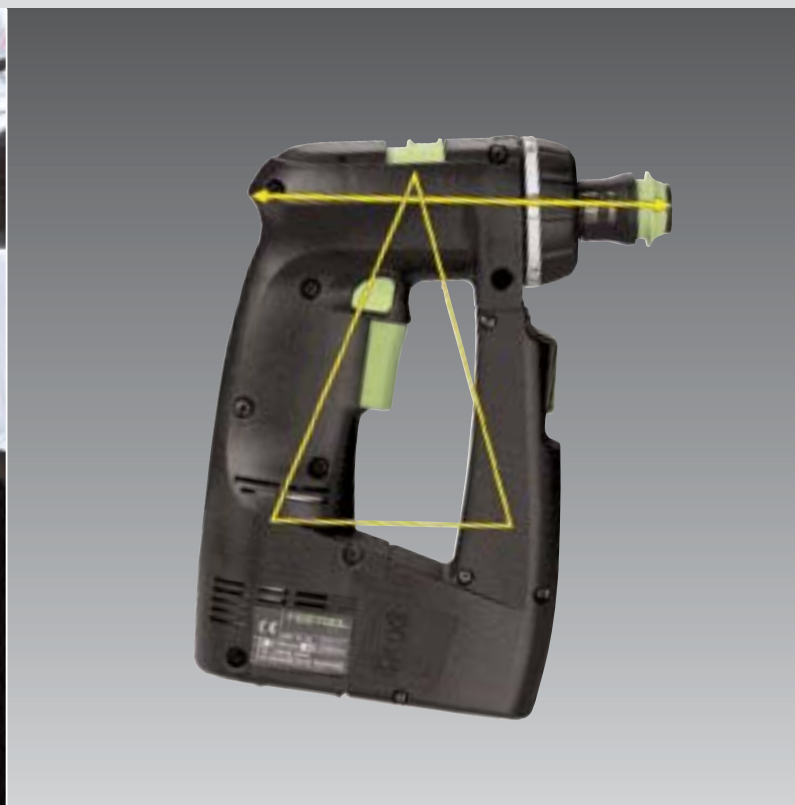
# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

**FESTOOL**



TDK – comfortable work, even in hard to reach areas, thanks to FastFix



CDD – short and with optimum weight distribution

### The benefits at a glance.

#### Outstanding results

- CDD: ergonomic, extremely short design and balanced weight distribution ensure optimum operating comfort and sensitive work.
- TDK: precise and non-tiring work, even in extremely narrow areas such as mudguards, doors, interior compartment or dashboard.

#### No reworking

- 2-speed transmission with infinitely adjustable speed and spindle stop ensures safe drilling and exact screwdriving.
- 18-speed adjustable torque control prevents overspeeding and screws pushing through.
- *CENTROTEC* tool chuck: top true-running precision when using bits and drill bits.

#### Significant time savings

- Powerful motors with above average efficiency.
- High-performance batteries with 2.0 Ah Nickel cadmium or 3.0 Ah Nickel metal hydride allow you to drive screws for longer whilst charging less often.
- *CENTROTEC* quick-change system: simple changing of bits and drills – with automatic transfer.

#### Low machine costs and long service life

- All components are designed for tough applications and a long service life: CDD with sintered planetary gears and ball bearing-mounted bevel gears; TDK with high-performance motor, simple carbon brush changing and absolutely slip-free seating of bits and drill bits.
- Additional protection offered by the 3 year guarantee once registered.

### Ergonomics

#### The CDD – the benefits are obvious.

Its unique and extremely short design means that the CDD cordless drill is ideally suited for work in tight spaces.

Its well-balanced weight distribution and ergonomic handle enable sensitive work and powerful screwdriving, even with small screw diameters.

#### The TDK – never has such a powerful tool been so small.

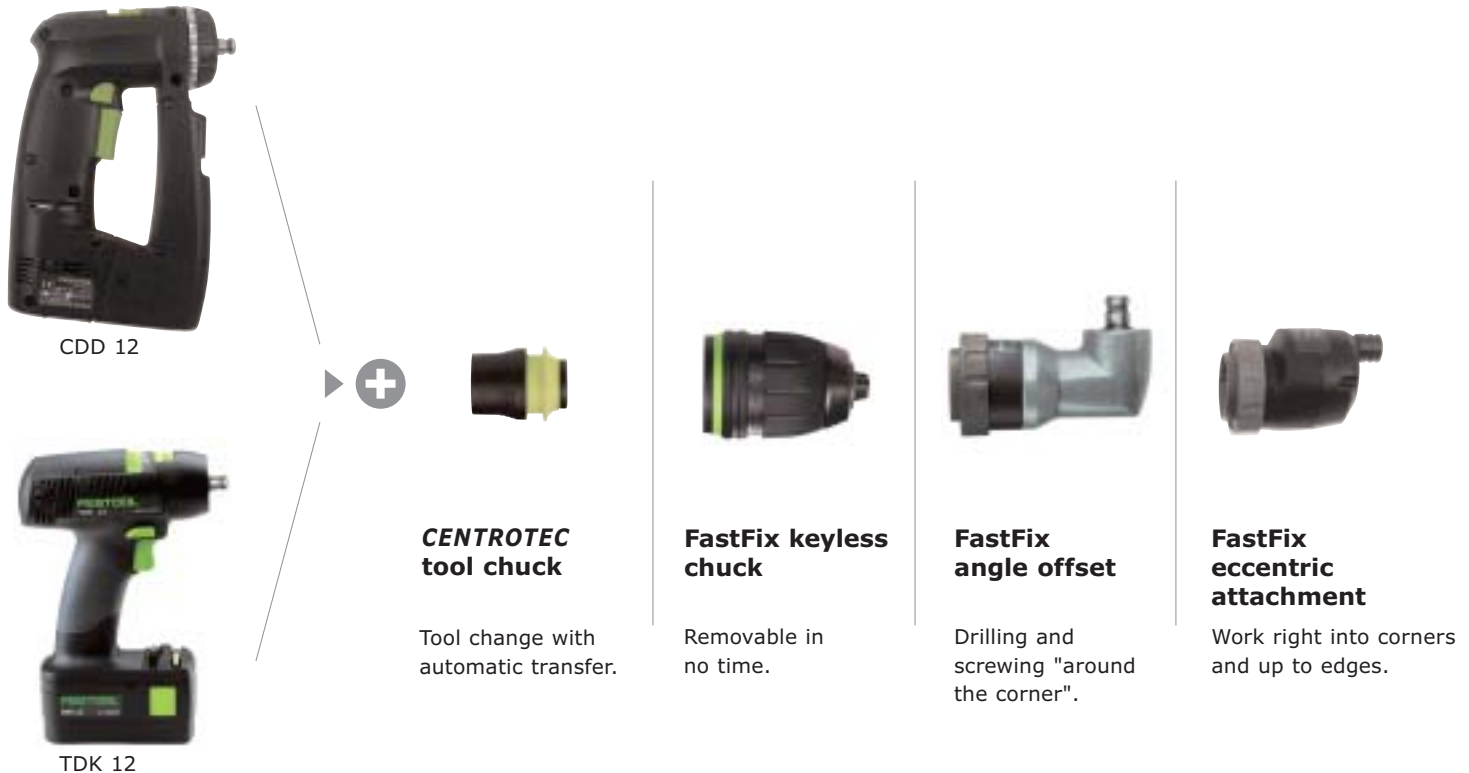
Perfectly equipped for drilling and screwing. With the new TDK cordless drill and the FastFix attachments, you will be able to work in the tightest of spaces on areas such as mudguards, doors, interior compartment or dashboard. And the revolutionary *CENTROTEC* tool quick-change system allows automatic transfer without clumsy equipment changing.

By the way: *CENTROTEC* fits on all Festool cordless drills with a FastFix interface

# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

The intelligent FastFix system turns a cordless drill into a variety of tools for every situation.



### The benefits at a glance.

#### Outstanding results

- Well-thought-out system for working in tight spaces using interchangeable attachments.
- Screw lengths shortened by 6 cm through the easily removable FastFix chuck and screws with the direct bit holder.
- Elbow adapter for drilling and screwdriving round corners.
- Eccentric adapter for screws near edges.

#### No reworking

- Perfect screw access prevents twisting and turning and stops the screwdriver blade from slipping and causing damage.

#### **CENTROTEC: the new tool quick-change system**

- Fits on all Festool cordless drills with a FastFix interface.
- Fast change of tools.
- High true-running precision.
- Up to 80 % lighter than the chuck.

#### Significant time savings

- Well arranged accommodation of all accessories spares in the tried-and tested Systainer.

#### Economic efficiency

- Solves almost every assembly problem in conjunction with the FastFix attachments.
- Saves on weight and storage space thanks to the Systainer packaging.

### System benefits

#### Your assembly partner for all situations.

Superior technology and equipment make the Festool cordless drills CDD and TDK indispensable partners because – thanks to the ergonomic, compact design and the versatile FastFix system – they are capable of precise work even in the tightest of corners. The special interface makes the uncomplicated use of the FastFix quality chuck, the FastFix elbow adapter, the FastFix eccentric attachment and the revolutionary *CENTROTEC* tool quick-change system possible.

Drilling and screwdriving "around the corner" is no longer a problem with the elbow adapter: it can turn 360° in steps of 15° and therefore adapt to every working situation. Working right to the edge with the eccentric attachment: it enables you to get within millimetres of the corner/edge without uncomfortable twisting and turning.

In many cases, the *CENTROTEC* replaces the chuck. Furthermore, it weighs 80 % less and is only half as long as the tried-and-tested FastFix chuck. A single hand movement is all it takes to change between bits and drill bits. In tight situations, or with frequent tool changing, the *CENTROTEC* offers you a genuine size advantage – and excellent work quality.



# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

# FESTOOL

### Cordless drill CDD 9.6 *CENTROTEC*



#### When every gram counts.

- Wide range of applications thanks to the compact design, simple chuck changing with FastFix and a wide offer of attachments.
- High operating comfort through a balanced weight distribution and ergonomic design.
- Now with the new *CENTROTEC* tool quick-change system.

### Cordless drill CDD 12 *CENTROTEC*



#### Virtually unbeatable in assembly.

- Wide range of applications thanks to the compact design, simple chuck changing with FastFix and a wide offer of attachments.
- High operating comfort through a balanced weight distribution and ergonomic design.
- Now with the new *CENTROTEC* tool quick-change system.
- Also available in a Set version with angle and offset chucks

### Charger MCU 15



#### The super-fast charger.

- Super-fast charging in just 15 minutes approximately.
- Long service life and use period of battery packs.
- Charge voltage of 7.2 V to 14.4 V for all Festool NiCd and NiMH battery packs.

#### Technical data

Battery voltage	9.6 V
Idling speed in 1st gear	0 – 380 rpm
Idling speed in 2nd gear	0 – 1,100 rpm
Drilling diameter in steel	12 mm
Drilling diameter in wood	20 mm
Torque setting range	0.5 – 5 Nm
max. torque for metal	26 Nm
max. torque for wood	10 Nm
Chuck fitting width	1 – 10 mm
Battery power	2.0 Ah
Charging times NiCd 2.0 Ah	MCU 15/EC 60 15 min/60 min
Weight with battery	1.8 kg



Scope of delivery	Model	Order no.
1 FastFix chuck 13 mm, 1 <i>CENTROTEC</i> tool chuck, 1 <i>CENTROTEC</i> grooved drill bit D4, 1 <i>CENTROTEC</i> bit holder with bit PZ 2 <b>CDD 9,6 CE/MCU 15 Plus</b> in Systainer, charger MCU 15	CDD 9,6 CE/ MCU 15 Plus	564 109

#### Technical data

Battery voltage	12 V
Idling speed in 1st gear	0 – 380 rpm
Idling speed in 2nd gear	0 – 1,100 rpm
Drilling diameter in steel	14 mm
Drilling diameter in wood	25 mm
Torque setting range	1 – 7 Nm
max. torque for metal/wood	30 Nm / 18 Nm
Chuck fitting width	1.5 – 13 mm
Battery power NiCd / NiMH	2.0 Ah/3.0 Ah
Charging times NiCd 2.0 Ah	MCU 15/EC 60 15 min/60 min
Charging time NiMH 3.0 Ah	ECU 45 70 min
Weight with battery	2.0 kg



Scope of delivery	Model	Order no.
1 FastFix chuck 13 mm, 1 <i>CENTROTEC</i> tool chuck, 1 <i>CENTROTEC</i> grooved drill bit D4, 1 <i>CENTROTEC</i> bit holder with bit PZ 2 <b>CDD 12 CE-NC45-Set</b> in Systainer, charger ECU 45, angle and offset chucks	CDD 12 CE-NC45-Set	564 154
<b>CDD 12 CE/MCU 15 Plus</b> in Systainer, charger MCU 15	CDD 12 CE/ MCU 15 Plus	564 149
<b>CDD 12 CE/MH-Plus</b> in Systainer, charger ECU 45, NiMH battery packs	CDD 12 CE/MH-Plus	564 157

#### Technical data

Mains voltage	220 – 240 V
Mains frequency	50 – 60 Hz
Pulse charging	max. 7.5 A
Trickle charge, pulsating	0.03 A
Charging time NiCd / NiMH	approx. 15 min / 70 min
Weight	0.9 kg
Mains voltage	7.2 – 14.4 V

Scope of delivery	Model	Order no.
<b>Charger MCU 15</b> in a box	MCU 15	487 746



# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

### TDK 12 *CENTROTEC*



#### The lightweight model for attention to detail.

- Compact design, perfect weight distribution and softgrip for perfect manoeuvrability.
- Powerful high-performance motor with replaceable carbon brushes for a long service life.
- FastFix interface for changing between chucks, elbow adapters, eccentric adapters and the *CENTROTEC*.
- *CENTROTEC* tool quick-change system for precise and efficient work.
- 42 torque stages allow perfect adaptation to both large and small screws.
- Also available in a Set version with angle and offset chucks

### Technical data

Battery voltage	12 V
Idling speed in 1st gear	0 – 430 rpm
Idling speed in 2nd gear	0 – 1,400 rpm
Drilling diameter in steel	14 mm
Drilling diameter in wood	5 mm
Torque in 1st gear	2 – 7 Nm
Torque in 2nd gear	0.5 – 2.5 Nm
max. torque for metal	28 Nm
max. torque for wood	20 Nm
Chuck fitting width	1 – 13 mm
Battery power NiCd	2.4 Ah
Battery power NiMH	3.0 Ah
Charging times LC 45 NiCd	approx. 50 min
Charging times LC 45 NiMH	approx. 70 min
Weight with chuck	2.0 kg
Weight with <i>CENTROTEC</i>	1.8 kg



### Scope of delivery

1 FastFix chuck 13 mm,  
1 *CENTROTEC* tool chuck,  
1 *CENTROTEC* grooved drill bit D4,  
1 *CENTROTEC* bit holder with bit PZ 2

**TDK 12 CE-NC45-Plus** in Systainer,  
2nd battery pack 2.4 NiCd, charger LC 45

**TDK 12 CE-MH45-Plus** in Systainer,  
2nd battery pack 3.0 NiMH, charger LC 45

**TDK 12 CE-NC45-Set** in Systainer,  
charger LC 45, angle and offset chucks

### Model

TDK 12/  
CE-NC45-Plus

TDK 12/  
CE-MH45-Plus

TDK 12 CE-NC45-Set

### Order no.

564 137

564 143

564 160

### Technical data

Battery voltage	15.6 V
Idling speed in 1st gear	0 – 450 rpm
Idling speed in 2nd gear	0 – 1,500 rpm
Drilling diameter in steel	16 mm
Drilling diameter in wood	35 mm
Torque in 1st gear	2 – 7 Nm
Torque in 2nd gear	0.5 – 2.5 Nm
max. torque for metal	36 Nm
max. torque for wood	25 Nm
Chuck fitting width	1 – 13 mm
Battery power NiCd	2.4 Ah
Battery power NiMH	3.0 Ah
Charging times LC 45 NiCd	approx. 50 min
Charging times LC 45 NiMH	approx. 70 min
Weight with chuck	2.3 kg
Weight with <i>CENTROTEC</i>	2.1 kg



### Scope of delivery

1 FastFix chuck 13 mm,  
1 *CENTROTEC* tool chuck,  
1 *CENTROTEC* grooved drill bit D4,  
1 *CENTROTEC* bit holder with bit PZ 2

**TDK 15,6 CE-NC45-Plus** in Systainer,  
2nd battery pack 2.4 NiCd, charger LC 45

**TDK 15,6 CE-MH45-Plus** in Systainer,  
2nd battery pack 3.0 NiMH, charger LC 45

### Model

TDK 15,6/  
CE-NC45-Plus

TDK 15,6/  
CE-MH45-Plus

### Order no.

564 141

564 144

### TDK 15.6 *CENTROTEC*®



#### Compact and powerful.

- Compact design, perfect weight distribution and softgrip for perfect manoeuvrability.
- Powerful high-performance motor with replaceable carbon brushes for a long service life.
- FastFix interface for changing between chucks, elbow adapters, eccentric adapters and the *CENTROTEC*.
- *CENTROTEC* tool quick-change system for precise and efficient work.
- 42 torque stages allow perfect adaptation to both large and small screws.

# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

# FESTOOL

### Super-fast charger LC 45



### The super-fast charger.

- Rapid charging (approx. 50 mins) and long service life due to conservation charging with intelligent charging technology and battery slot with maximum operational safety.
- Intermittent charging with reduced current checks the battery pack charging capacity.
- Constant status check of battery pack thanks to three-colour LED display.

### Technical data

Mains voltage	220 – 240 V
Mains frequency	50 – 60 Hz
Pulse charging	max. 3 A
Trickle charge, pulsating	0.06 A
Charging time NiCd/NiMH	approx. 50 min/ 70 min
Weight	0.5 kg
Mains voltage	7.2 – 18 V

### Scope of delivery

Super-fast charger LC 45 in a box

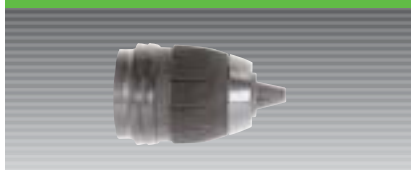
### Model

LC 45

### Order no.

491 827

### Keyless chuck



### Description and application

**FastFix keyless chuck**  
for cordless drill CDD/TDD/TKD - FX  
Clamping range: 1-10 mm  
Clamping range: 1.5-13 mm

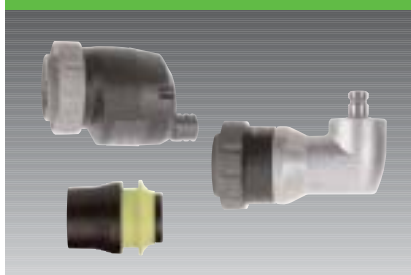
### Model

BF-FX 10 FastFix  
BF-FX 13 FastFix

### Order no.

491 350  
490 698

### Attachments



**FastFix eccentric attachment**  
for cordless drill CDD/TDD/TKD - FX

DD-ES

490 294

**FastFix angle offset**  
for cordless drill CDD/TDD/TKD - FX

DD-AS

490 293

**CENTROTEC tool chuck**  
for *CENTROTEC* bit holders,  
bits and drill tools

WH-CE

492 135

### Battery pack for TDK



**Battery pack** for the drilling  
screwdriver TDK 12  
Capacity: 2.4 Ah, voltage: 12 V

BPS 12 NiCd 2.4

492 268

**Battery pack** for the drilling  
screwdriver TDK 12  
Capacity: 3.0 Ah, voltage: 12 V

BPS 12 NiMH 3.0

491 821

**Battery pack** for the drilling  
screwdriver TDK 15,6  
Capacity: 2.4 Ah, voltage: 15.6 V

BPS 15.6 NiCd 2.4

492 269

**Battery pack** for the drilling  
screwdriver TDK 15,6  
Capacity: 3.0 Ah, voltage: 15.6 V

BPS 15.6 NiMH 3.0

491 823

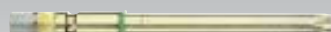
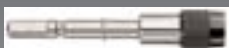
# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

### Battery pack for CDD



### CENTROTEC accessories



### Novadrive accessories



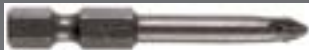
Description and application	Model	Order no.
<b>Battery pack</b> for the drilling screwdriver CDD 12 Capacity: 2.0 Ah, voltage: 12 V	BPH 12 C NiCd 2.0	488 438
<b>Battery pack</b> for the drilling screwdriver CDD 12 Capacity: 3.0 Ah, voltage: 12 V	BP 12 NiMh 3.0	489 728
<b>Battery pack</b> for the drilling screwdriver CDD 9,6 Capacity: 2.0 Ah, voltage: 9.6 V	BPH 9.6 C NiCd 2.0	488 437
<b>CENTROTEC bit holder</b> for standard 6Kt bits	BH 60 CE	492 539
<b>CENTROTEC quick-change bit holder</b> for standard 6Kt bits	BHS 65 CE	492 648
<b>CENTROTEC bit extension, 150 mm</b> for standard 6Kt bits	BV 150 CE	492 540
<b>CENTROTEC bit Pozidriv HiQ, 100 mm</b> Size: PZ 1, qty. in pack: 2 Size: PZ 2, qty. in pack: 2 Size: PZ 3, qty. in pack: 2	HiQ PZ 1-100 CE/2 HiQ PZ 2-100 CE/2 HiQ PZ 3-100 CE/2	492 527 492 528 492 529
<b>CENTROTEC bit Phillips HiQ, 100 mm</b> Size: PH 1, qty. in pack: 2 Size: PH 2, qty. in pack: 2 Size: PH 3, qty. in pack: 2	PH 1-100/2 CE PH 2-100/2 CE PH 3-100/2 CE	492 530 492 531 492 532
<b>CENTROTEC bit TX HiQ, 100 mm</b> Size: TX 15, qty. in pack: 2 Size: TX 20, qty. in pack: 2 Size: TX 25, qty. in pack: 2 Size: TX 30, qty. in pack: 2	TX 15-100/2 CE TX 20-100/2 CE TX 25-100/2 CE TX 30-100/2 CE	492 533 492 534 492 535 492 536
<b>Novadrive metal drill bit case</b> 19-piece, dia: 1-10 mm, HSS polished in accord. with DIN 338	SBKS-HSS D 1-10	492 560
<b>Novadrive HSS metal drill bits</b> polished in accordance with DIN 338 dia: 1.0 mm, qty. in pack: 10 dia: 1.5 mm, qty. in pack: 10 dia: 2.0 mm, qty. in pack: 10 dia: 2.5 mm, qty. in pack: 10 dia: 3.0 mm, qty. in pack: 10 dia: 3.5 mm, qty. in pack: 10 dia: 4.0 mm, qty. in pack: 10 dia: 4.5 mm, qty. in pack: 10 dia: 5.0 mm, qty. in pack: 10 dia: 5.5 mm, qty. in pack: 10 dia: 6.0 mm, qty. in pack: 10 dia: 6.5 mm, qty. in pack: 10 dia: 7.0 mm, qty. in pack: 5 dia: 7.5 mm, qty. in pack: 5 dia: 8.0 mm, qty. in pack: 5 dia: 8.5 mm, qty. in pack: 5 dia: 9.0 mm, qty. in pack: 5 dia: 9.5 mm, qty. in pack: 5 dia: 10.0 mm, qty. in pack: 5	HSS D 1/10 HSS D 1,5/10 HSS D 2/10 HSS D 2,5/10 HSS D 3/10 HSS D 3,5/10 HSS D 4/10 HSS D 4,5/10 HSS D 5/10 HSS D 5,5/10 HSS D 6/10 HSS D 6,5/10 HSS D 7/5 HSS D 7,5/5 HSS D 8/5 HSS D 8,5/5 HSS D 9/5 HSS D 9,5/5 HSS D 10/5	492 541 492 542 492 543 492 544 492 545 492 546 492 547 492 548 492 549 492 550 492 551 492 552 492 553 492 554 492 555 492 556 492 557 492 558 492 559

# Drilling and screwdriving

## Cordless drills with *CENTROTEC*

# FESTOOL

### Accessories for *CENTROTEC* Novadrive



Description and application	Model	Order no.
<b>✚ Bit Pozidriv HiQ</b> Size: PZ 1, qty. in pack: 3 Size: PZ 2, qty. in pack: 3 Size: PZ 3, qty. in pack: 3 Size: PZ 4, qty. in pack: 3	HiQ PZ 1-25/3 HiQ PZ 2-25/3 HiQ PZ 3-25/3 HiQ PZ 4-33/3	490 471 490 472 490 473 490 474
<b>✚ Pozidriv AQ bit</b> Size: PZ 1, qty. in pack: 10 Size: PZ 2, qty. in pack: 10 Size: PZ 3, qty. in pack: 10 Size: PZ 4, qty. in pack: 5	AQ PZ 1-25/10 AQ PZ 2-25/10 AQ PZ 3-25/10 AQ PZ 4-25/5	490 481 490 482 490 483 490 484
<b>✚ Bit Pozidriv</b> Size: PZ 1, qty. in pack: 3 Size: PZ 2, qty. in pack: 3 Size: PZ 3, qty. in pack: 3	PZ 1-50/3 PZ 2-50/3 PZ 3-50/3	490 485 490 486 490 487
<b>✚ Bit Phillips HiQ</b> Size: PH 1, qty. in pack: 3 Size: PH 2, qty. in pack: 3 Size: PH 3, qty. in pack: 3	HiQ PH 1-25/3 HiQ PH 2-25/3 HiQ PH 3-25/3	490 491 490 492 490 493
<b>✚ Bit Phillips AQ</b> Size: PH 1, qty. in pack: 10 Size: PH 2, qty. in pack: 10 Size: PH 3, qty. in pack: 10	AQ PH 1-25/10 AQ PH 2-25/10 AQ PH 3-25/10	490 501 490 502 490 503
<b>✚ TX HiQ bit</b> Size: TX 10, qty. in pack: 3 Size: TX 15, qty. in pack: 3 Size: TX 20, qty. in pack: 3 Size: TX 25, qty. in pack: 3 Size: TX 30, qty. in pack: 3 Size: TX 40, qty. in pack: 3	HiQ TX 10-25/3 HiQ TX 15-25/3 HiQ TX 20-25/3 HiQ TX 25-25/3 HiQ TX 30-25/3 HiQ TX 40-25/3	490 494 490 495 490 496 490 497 490 498 490 499
<b>✚ TX AQ bit</b> Size: TX 10, qty. in pack: 10 Size: TX 15, qty. in pack: 10 Size: TX 20, qty. in pack: 10 Size: TX 25, qty. in pack: 10 Size: TX 30, qty. in pack: 10 Size: TX 40, qty. in pack: 10	AQ TX 10-25/10 AQ TX 15-25/10 AQ TX 20-25/10 AQ TX 25-25/10 AQ TX 30-25/10 AQ TX 40-25/10	490 504 490 505 490 506 490 507 490 508 490 509
<b>⌚ Slot bit AQ</b> Size: SZ 0.6x4.5, qty. in pack: 10 Size: SZ 0.8x5.5, qty. in pack: 10 Size: SZ 1.2x6.5, qty. in pack: 10	AQ SZ 0.6x4.5-25/10 AQ SZ 0.8x5.5-25/10 AQ SZ 1.2x5.5-25/10	493 309 493 310 493 311
<b>⌚ Bit hexagon socket HiQ</b> Size: ISK 3, qty. in pack: 3 Size: ISK 4, qty. in pack: 3 Size: ISK 5, qty. in pack: 3 Size: ISK 6, qty. in pack: 3	HiQ ISK 3-38/3 HiQ ISK 4-38/3 HiQ ISK 5-38/3 HiQ ISK 6-38/3	490 476 490 477 490 478 490 479
<b>Socket wrench HiQ</b> Size: ASK 6, qty. in pack: 1 Size: ASK 8, qty. in pack: 1 Size: ASK 10, qty. in pack: 1 Size: ASK 12, qty. in pack: 1 Size: ASK 13, qty. in pack: 1	HiQ ASK 6-65/1 HiQ ASK 8-65/1 HiQ ASK 10-65/1 HiQ ASK 12-65/1 HiQ ASK 13-65/1	490 466 490 467 490 468 490 469 490 470
<b>Adapter for plug-in bits</b> Size: 1/4"-4KT, qty. in pack: 1	AD 1/4"-4KT/1	490 500

# Dust Extraction

## Clean, all-round efficiency



Technology is required for clean work: CLEANTEC CT and CTM-series mobile dust extractors with their many detailed solutions move the market forward.

### The benefits at a glance.

#### Outstanding results

- Perfect suction power through infinitely variable suction power adjustment.
- Work made easier by cable holder, integrated handle, accessories depot and compartment.
- Maximum flexibility through wet and dry extraction without the need for conversion.

#### No reworking

- Hose completely emptied during disconnection due to shut-off delay.

#### Significant time savings

- Trouble-free filter bag change using the vacuum generator with a stop and no obstructing edges.
- Saves time using the electric remote control (automatic on/off switch).

#### Low machine costs and long service life

- Maximum economic efficiency thanks to 95 % volume use of the filter bag/container volume.

#### Health and safety

- Good operational safety thanks to secure Systainer fastening using locking slides.
- Safe equipment guiding and the greatest degree of mobility as a result of the robust chassis with large wheels.
- Additional protection offered by the 3 year guarantee.

### System benefits

#### Mobile dust extraction. From the market leader.

Dust and dirt is generated wherever vehicles are painted, ie during the sanding and paint preparation process. This dust spoils the result and damages your health. Therefore it is vitally important to remove the **dust and dirt as early as possible**. It is best to do this where the dust is generated, ie directly by the equipment.

Festool CLEANTEC mobile dust extractors, including two series and a total of 13 models, build up an entire product range for all your requirements for extracting dust and dirt. Their well thought-out design as mobile tool trolleys, convincing extraction performance, large range of accessories and range of detailed solutions **make the work easier**, and are the optimum solution for many applications. The design of the CT range as mobile workshop trolleys, impressive suction power, wide range of accessories and intelligent detail solutions such as the new CT ASA boom arm make them the ideal solution to the problem of dirt in the workshop.



## Dust Extraction

### Clean, all-round efficiency

# FESTOOL



The CT mobile dust extractors, in combination with electric tools...



...or air tools, ensure optimum working conditions.

### System benefits

#### Health

**Advanced modern painting methods** only use **dry sanding** with innovative compressed air and electric tools to prepare for painting.

The painter is directly exposed to sanding dust during this process. It is usually a **mixture of metal, plastic, filler and paint dusts**, in undefined measures. Practical experience suggests that the abrasives used generate ever **finer grit**, which can represent a health hazard for the painter.

This is why Festool has developed mobile and stationary dust extractors which, in combination with Festool compressed air and electric tools, ensure practically dust-free work. This looks after your health and also prevents the need for laborious cleaning when the work is finished.

**From June 2005, Festool CT dust extractors will be available with HEPA filters. You will be able to upgrade your existing dust extractor in just one minute!**

### Safety

#### Responsibility

**In order to be able to provide the painter with optimum protection under all circumstances, Festool recommends the use of dust extractors with a dust class M.** They provide a high degree of dust filtration combined with acoustic suction power monitoring by the flow monitoring device.

In addition, **special safety regulations** also apply to **explosive dusts**, such as those created when sanding aluminium, galvanised sheet steel, glass-fibre-reinforced plastics or polyurethanes (PU). And these are materials which are used in increasing quantities in automobile construction. Festool has the perfect dust extractor for this problem.

Festool mobile and stationary dust extractors have been developed and constructed in accordance with the latest state-of-the-art technology, and comply with all the relevant industrial safety regulations and standards for dust extractors.

When working, please also observe the specifications of the local engineering professional associations.



# Dust Extraction

## Clean, all-round efficiency



With the cover in the parking position the filter bag can easily be changed from the top.



The only tools required to change the flat filter are your hands.

### Economic efficiency

#### Here's how you can extract a profit.

The more uses you find for your mobile dust extractor, the greater its economic efficiency: Firstly, **increased time saving** by fast filter bag changing from the top thanks to the practical parking position of the mobile dust extractor head.

Secondly, more **container volume use** – with CLEANTEC **up to 95%**. This is due to the fact that, unlike most units on the market, the filter bag is changed from the top rather than from below. This also has the added bonus that this high utilisation rate also means fewer **filter bags are used**.

The advantage is that **you save on dust bags, work, time and money**. Professionals extract everything contained in CLEANTEC.

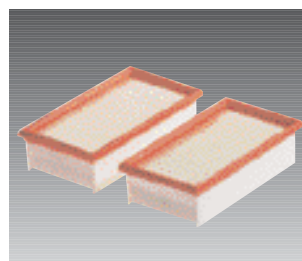
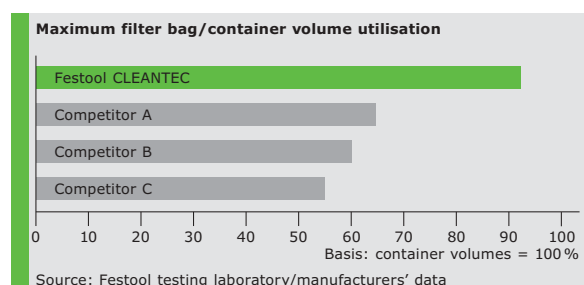
### Handling

#### Quick change instead of a long wait.

The less time lost through maintenance, the more time you can spend doing work which earns you money, ie doing your actual work. To this end, CLEANTEC mobile dust extractors contain flat filters with a surface up to four times larger than previous cartridge filters. This means the **service life is longer**. And the **time taken to replace a filter is shorter** because no tools are used.

The built-in flat filter cleaner makes cleaning the filters as simple as possible – one flick of the wrist is all it takes.

Regarding special accessories, **the unique M fold** in the Longlife main filter prevents the filter from being clogged quickly and ensures perfect cleaning using the CLEANTEC mobile dust extractor cleaning device.



Longlife main filter

## Dust Extraction

Clean, all-round efficiency

**FESTOOL**



### Special Applications

#### The SR dust extractors

##### SRM 212 LE-AS – Spark free motor

Equipped with an electronic commutated drive (EC drive), it is tailor-made for continuous professional use for a multitude of industrial extraction tasks. For example, in semi-stationary operation for extracting dust or chips produced by manufacturing processes involving the machining of metal, plastic or ceramic components.

##### SRH 204 E-AS – The special extractor for the highest level of safety while working

If your work exposes you to carcinogenic or pathogenic dust, this machine will give you the highest degree of safety thanks to its 99.995% degree of filtration. Hazardous dusts, such as those created by the handling of asbestos, the renovation of parquet flooring which has been treated with polycyclic aromatic hydrocarbons (PAHs) or the treatment of impregnated wooden surfaces with hazardous wood preservatives.

##### SRM 312 LE-AS – For ignitable dust

One quarter of all dusts are classified as potentially explosive and extracting it requires specially-equipped dust extractors. These dusts include paper dust, certain types of soot, dust from sanding, routing or sawing various plastics, powder-coatings, aluminium and zinc dusts. There are also clear safety requirements on their use near certain technical plants such as powder-coating systems or paintshops. This makes the SRM 312 LE-AS the right choice.

#### The solution for dangerous and harmful dusts

Whether the dusts are hazardous to health, carcinogenic or even explosive, or for special applications in the crafts trade or industry – Festool has the corresponding safety extractor. The SRM 312 LE-AS, for example, complies fully with the ATEX Directive and offers you safety when extracting dust of explosion class St 1, St 2 and St 3 in Zone 22 (formerly Zone 11).






#### Safe aluminium sanding workplace

The SRM 312 LE-AS, in conjunction with Festool air tools, is ideal for organising aluminium sanding workplaces. Only the correct combination of dust extractor and air tool provides the necessary safety. Festool also has the necessary know-how and advisory competence in this area.

# Dust Extraction

## Clean, all-round efficiency

### Festool mobile dust extractors and dust extractors – technical data

								
	<b>CT MINI</b>	<b>CT 22 E</b>	<b>CTM 22 E</b>	<b>CT 33 E</b>	<b>CT 33 LE</b>	<b>CTM 33 E</b>	<b>CTM 33 LE</b>	
Order no.	583 359	583 320	583 302	583 335	583 329	583 304	583 312	
Dimensions [mm] LxWxH	440x340x420	625x358x440		625x380x550				
Weight [kg]	9.5	12		14.5				
Container capacity [litres]	10	22		33				
Filter bag capacity [litres]	7.5	20		30				
Combination with ASA/EAA	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Combination with TC 2000 / TC 3000	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	●	●	●	●	●	●	●	
Compressed air automatic on/off switch	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Electric tools automatic on/off switch	●	●	●	●	●	●	●	
Model approval/dust class	-	-	M	-	-	M	M	
FlowDetect flow control	-	-	●	-	-	●	●	
Suction capacity [l/min]	max. 2,800	max. 3,800						
Filter surface area [cm²]	5,000	14,000						
Degree of filtration [%]	>99.9							
Vacuum [Pascal]	max. 20,000 (200 mbar)	max. 23,000 (230 mbar)						
Power consumption [watts]	400-1200	350-1,200						
Appliance socket connected load socket	max. 2,400 Watt (depending on local specifications)							
Mains connection lead	rubber insulated, 7.5 m long, rubber insulated, 7.5 m long							
Scope of delivery	1 antistatic extractor hose D 27 x 3.5 m-AS / 1 filter bag <sup>1)</sup> Free cleaning kit (456 841) provided for CT models 11 to 55							

<sup>1)</sup> With CT Mini: extractor hose D 27 x 3.5 m-AS with angle rotating adapter, 1 filter bag installed and spare filter bag enclosed in storage compartment

### Model approval, dust classes in accordance with EN 60335-2-69

Model approval	Degree of filtr. of filter system	Suitability
-	< 99 %	Only for <b>NON-</b> hazardous dusts
Dust class M	> 99.9 %	Hazardous dusts with LTL values >0.1 mg/m³
Dust class H	> 99.995 %	Hazardous dusts with LTL values <0.1 mg/m³, carcinogenic dusts
ATEX/B1, dust class M	> 99.9 %	Explosive dusts, explosion classes St1, St2 and St3 in Zone 22
HEPA		Available for CT 22-55 from June 2005








# Dust Extraction

## Clean, all-round efficiency

# FESTOOL

For aluminium  
sanding

Corresponds to ATEX  
Directive for Zone 22

								
CT 44 E	CT 44 LE	CTM 44 E	CTM 44 LE	CT 55 E	CTM 55 E	SRM 312 LE-AS	SRM 212 LE-AS	SRH 204 E-AS
583 339	583 330	583 308	583 313	583 340	583 311	583 282	583 233	583 283
710x380x935				710x380x935		560x580x975	460x440x695	
20				22		26.5	14.5	
44				55		63	50	
42				50		38	25	
□	□	■	■	□	■	■	■	□
-	-	-	-	-	-	-	■	□
●	●	●	●	●	●	●	●	●
○	●	○	●	○	○	●	●	-
●	●	●	●	●	●	●	●	●
-	-	M	M	-	M	ATEX/B1 + M	M	H
-	-	●	●	-	●	●	●	●
max. 3,800						4,000	4,000	3,400
14,000						10,500	10,100	10,500
>99.9								>99.995
max. 23,000 (230 mbar)								
350-1,200								

1 antistatic extractor hose D 27 x 3.5 m-AS / 1 filter bag

● Standard equipment

○ Retrofittable compressed air module

■ Recommended by Festool

□ Combination possible

## A place for everything.

*Sys-Dock, a unique connection between the Systainer and mobile dust extractor.*



*Built-in compartments for all the tools you need to have to hand.*



*Everything in its own place. Cable holder and accessory port.*

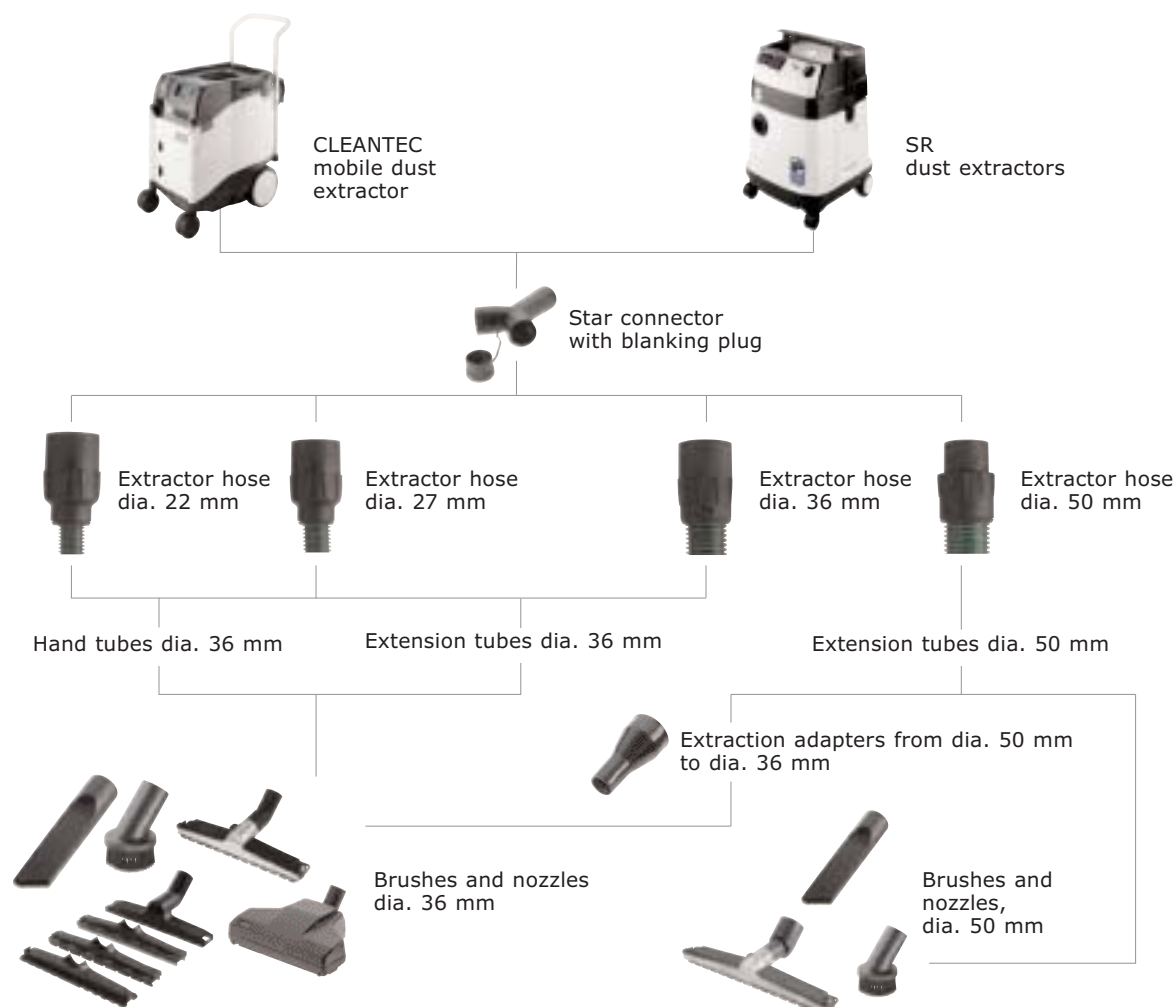




# Dust Extraction

## Extraction accessories

### The CT-/SR system



### CT/SR cleaning sets



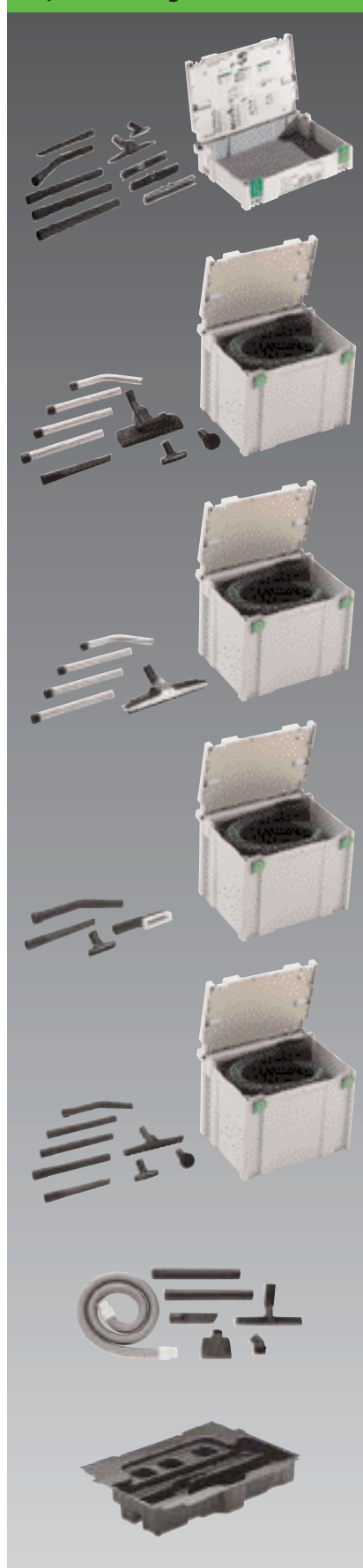
Description and application	Model	Order no.
<b>Standard cleaning set</b> in a box Curved hand tube 3 extension tubes Floor nozzle Crevice nozzle Upholstery nozzle	D 27/D36 S-RS D 36 HR-K D 36 VR-K D 36 BD270 D 36 FD-210 D 36 PD	492 389
<b>Professional cleaning set</b> in a box Curved hand tube Special steel extension tube Switchable floor nozzle Crevice nozzle	D 27/D36 P-RS D 36 HR-M D 36 VR-M3x D 36 TD D 36 FD-210	492 390
<b>Nozzle cleaning set</b> in a blister pack Crevice nozzle D Upholstery nozzle Suction brush	D 27/D 36 D-RS 36 FS-210 D 36 PD D 36 SP	492 392

# Dust Extraction

## Extraction accessories

**FESTOOL**

### CT/SR cleaning sets



Description and application	Model	Order no.
<b>Compact cleaning set</b> in the SYS 1 Systainer, comprising:  Curved hand tube 3 extension tubes 4-piece floor nozzle Crevice nozzle Upholstery nozzle	D 27/D 36 K-RS-Plus  D 36 HR-K D 36 VR-K 3x D 36 BD270 D 36 FD D 36 PD	456 736
<b>Cleaning set for tradesmen</b> in the SYS 4 Systainer with SYS TZE-RS deep-drawn insert  Extractor hose Curved hand tube 3 extension tubes Carpet nozzle Crevice nozzle FD Upholstery nozzle Suction brush	D 36 HW-RS  D 36 x 3.5 m-AS D 36 HR-M D 36 VR-M 3x D 36 TD D 36 D 36 PD D 36 SP	454 766
<b>Cleaning set for the workshop</b> in the SYS 4 Systainer with SYS TZE-RS deep-drawn insert  Extractor hose Curve hand tube 3 extension tubes Floor nozzle	D 36 WB-RS  D 36 x 3.5 m-AS D 36 HR-M-AS D 36 VR-M 3x D 36 BD-370	454 767
<b>Vehicle interior cleaning set</b> SYS 4 Systainer with SYS TZE-RS deep-drawn insert  Extractor hose Curved hand tube Crevice nozzle Universal brush nozzle Upholstery nozzle	D 36 KFZ-RS <sup>1)</sup>  D 36 x 3.5 m AS D 36 HR-K D 36 FD D 36 UBD D 36 PD	454 768
<b>Universal cleaning set</b> in the SYS 4 Systainer with SYS TZE-RS deep-drawn insert  Extractor hose Curved hand tube 3 extension tubes Floor nozzle Crevice nozzle Upholstery nozzle Suction brush	D 36 UNI-RS  D 36 x 3.5 m D 36 HR-K D 36 VR-K 3x D 36 BD 300 D 36 FD D 36 PD D 36 SP	454 769
<b>Cleaning set for industrial use</b> in a box  Extractor hose 2 extension tubes Floor nozzle Square nozzle Suction brush Crevice nozzle	D 50 GS-RS  D 50 x 2.5 m D 50 VR-K 2x D 50 BD 370 D 50 QD D 50 SP D 50 FD	454 770
<b>Deep-drawn insert</b> for cleaning set D 36 in the Systainer for proper insertion of hand tubes, extension tubes and 3 nozzles, suitable for SYS 1-4	SYS TZE-RS <sup>1)</sup>	489 642

<sup>1)</sup> Phase-out model

# Dust Extraction

## Extraction accessories

### Extractor hose



Type: D 27 x 3.5 m-AS



Type: D 36 x 3.5 m



Type.: Plug-it D27x3.5m-AS

### Description and application



### Model

### Order no.

#### Antistatic Extractor hose

in accordance with DIN IEC 312, Leakage resistant with antistatic design<sup>1)</sup>  $\leq 10^6$  Ohm, temperature resistant up to +70°C

with rotating adapter, elbow piece and reducing sleeve  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)  
Special design only for SRM 312 LE-AS

• D 22 x 3.5 m-AS	456 745
• D 27 x 3.5 m-AS	452 878
• D 27 x 5 m-AS	452 880
• D 27 MW-AS	452 384
• D 36 x 3.5 m-AS	452 882
• D 36 x 5 m-AS	452 884
• D 36 x 7 m-AS	452 886
• D 36 MW-AS	452 385
• D 50 x 2.5 m-AS	452 888
• D 50 x 4 m-AS	452 890
• D 50 MW-AS	452 386
• D 27 x 3.5 m-AS/B1	489 266

#### Extractor hose

with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)  
with rotating adapter and reducing sleeve  
with rotating adapter and reducing sleeve  
Order by the metre (without rot. adapter or red. sleeve)

D 27 x 3.5 m	452 877
D 27 x 5 m	452 879
D 27 MW	452 383
D 36 x 3.5 m	452 881
D 36 x 5 m	452 883
D 36 x 7 m	452 885
D 36 MW	454 157
D 50 x 2.5 m	452 887
D 50 x 4 m	452 889
D 50 MW	454 158

#### D27 antistatic Plug-it extractor hose

with Plug-it connection, length: 3.5 m

• Plug-it D27x3.5m-AS	456 746
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#### D27 Plug-it extractor hose

with Plug-it connection, length: 3.5 m

Plug-it D27x3.5m-AS	456 748
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The antistatic function is only guaranteed when used with a dust extractor with antistatic properties.

### Hose sleeves



### Description and application



### Model

### Order no.

#### Rotating adapter

Hose sleeve for connection to inlet nozzle of dust extractor, outside dia. 58 mm

- 1a for AS extractor hose D 50
- 1b for AS extractor hose D 36
- 1c for AS extractor hose D 27
- 1d for extractor hose D 50
- 1e for extractor hose D 36
- 1f for extractor hose D 27

• D 50 DAG-AS	452 896
• D 36 DAG-AS	452 894
• D 27 DAG-AS	452 892
D 50 DAG	452 895
D 36 DAG	452 893
D 27 DAG	452 891

#### Reducing sleeve

Hose sleeve to fit on extraction side (electric tool or suction nozzle)

- 2a With rotating adapter for D 22 extractor hose
- 2a With rotating adapter for D 27 extractor hose
- 2b with rotating adapter for AS extractor hose D 36

• D 22 DM-AS	456 756
• D 27 DM-AS	487 071
• D 36 DM-AS	487 721

# Dust Extraction

## Extraction accessories

**FESTOOL**

### Hose sleeves



#### Description and application

- 3 **Extractor hose adapter**
- 4 **Antistatic connector sleeve<sup>1)</sup>** for connecting extractor hoses D 50/36/27/22
- 5 **Star connector with blanking plug<sup>2)</sup>** for connecting two extractor hoses D 50/36/27/22
- 6 **Blanking plug**  
For retrofitting CT 11/22/33/44/55, for sealing the inlet during transportation



#### Model

#### Order no.

D 50/D 36 AA	452 897
D 50/D 50 VM-AS	493 047
• D 50 SV-AS/D 50V	452 898
D 50 V	452 899



The antistatic function is only guaranteed when used with a dust extractor with antistatic properties.

<sup>1)</sup> The hose reducing sleeve on D 36/D 27 hoses must be replaced with a D 36/D 27 rotating adapter.

<sup>2)</sup> For simultaneous connection of two electric or air tools for dust extraction; simultaneous operation not allowed for dust extractors with approval for hazardous dusts.

### Tubes



#### Description and application

##### Curved hand tube,

- 1a Made of stainless steel
- 1b Made of polypropylene (PP), with air regulating slide to adjust the suction power

##### Extension tube

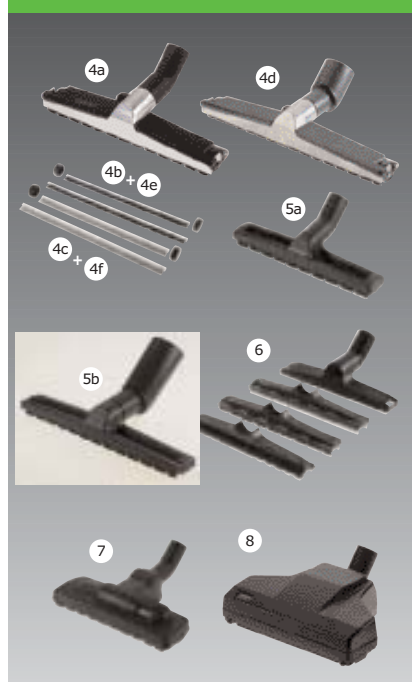
- 2a Made of stainless steel, 3-piece (L= 950 mm)
- 2b Made of polypropylene (PP), 3-piece (L= 950 mm)
- 3a Anodised aluminium, 1-piece (L= 1100 mm)
- 3b Plastic, 2-piece (L= 970 mm)

#### Model

#### Order no.

D 36 HR-M	452 900
D 36 HR-K	452 901
D 36 VR-M 3 x	452 902
D 36 VR-K 3 x	452 903
D 50 VR-M	447 599
D 50 VR-K 2 x	440 412

### Floor nozzles<sup>3)</sup>



#### Description and application

- 4a **Floor nozzle** high-qual. industrial design, aluminium, working width 370 mm, 2 castors, 2 brush inserts
- 4b Interchangeable wear parts – brush inserts + rollers
- 4c Water extraction retrofit kit – rubber edges + rollers
- 4d **Floor nozzle** high-qual. industrial design, aluminium, working width 450 mm, 2 castors, 2 brush inserts
- 4e Interchangeable wear parts – brush inserts + rollers
- 4f Water extraction retrofit kit – rubber edges + rollers
- 5a **Floor nozzle**, plastic, width 300 mm, 2 castors, 2 brush inserts
- 5b **Floor nozzle**, plastic, width 380 mm, 2 castors, 2 brush inserts
- 6 **Floor nozzle, 4-piece**, plastic, with 3 replaceable (brushes, rubber edges, carpet)
- 7 **Carpet nozzle**, with sliding base, changeover from textile to linoleum floors
- 8 **Turbo combination suction brush**  
For textile and linoleum floors, with 4 castors, width 270 mm, brush rollers driven by intake air

#### Model

#### Order no.

D 36 BD 370	452 908
	452 934
	452 936
D 50 BD 450	452 910
	452 935
	452 937
D 36 BD 300	452 907
D 50 BD 370	452 909
D 36 BD 270	452 906
D 36 TD	452 911
D 36 TKB	450 644

<sup>3)</sup> Optimised suction performance with the use of extractor hose D 36.



# Dust Extraction

## Extraction accessories

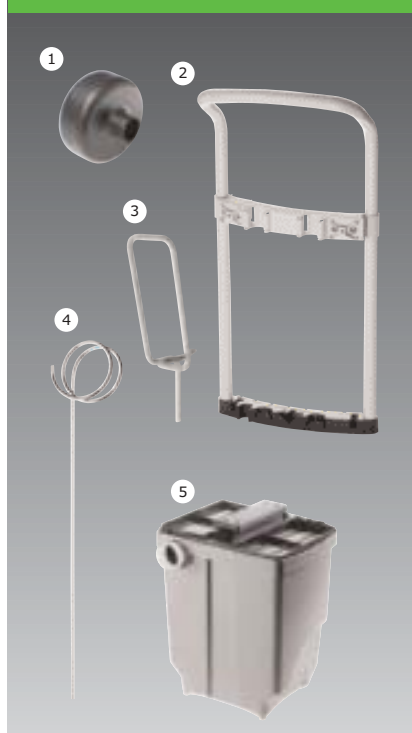
### Brushes and nozzles for specific applications



#### Description and application

	Model	Order no.
9a <b>Crevice nozzle</b> , Plastic, L = 300 mm	D 36 FD	452 904
9b Plastic, L = 270 mm	D 50 FD	452 912
10a <b>Suction brush</b> , Plastic, dia. 70 mm	D 36 SP	440 404
10b Plastic, dia. 85 mm	D 50 SP	440 419
11 <b>Upholstery nozzle</b> Plastic, with brush insert, width 120 mm	D 36 PD	440 406
12 <b>Universal brush nozzle</b> Plastic, brush ring 120 x 40 mm	D 36 UBD	440 403
13 <b>Bevel-ended nozzle</b> , rubber, L = 190 mm, External dia. 40 mm	D 36 SRD	411 810
14 <b>Flat nozzle</b> , oil-resistant, special rubber, Width 100 mm	D 36 FDG	440 408
15 <b>Square nozzle</b> , plastic, width 157 mm for coarse dirt (eg chips)	D 50 QD	440 416

### CT accessories



#### Description/ application

	CT 11 E	CT 22 E	CTM 22 E	CT 33 E/LE	CTM 33 E/LE	CT 44 E/LE	CTM 44 E/LE	CT 55 E	CTM 55 E	Model	Order no.
1 <b>Spark trap</b> For use when sanding materials generate sparks	•	•	•	•	•	•	•	•	•	D 50 FL	484 733
2 <b>Handle</b>		•	•	•	•					SB-CT	452 921
3 <b>Hose hook</b> For wrapping the extractor hose	•	•	•	•	•	•	•	•	•	SH-CT	452 998
4 <b>Extractor hose holder</b> prevents per- sons tripping over hoses lying on the floor	•	•	•	•	•	•	•	•	•	SHR-CT/SR	487 072
5 <b>Dirt trap</b> To collect wet coarse dirt (e.g. metal swarf + coolant)		•	•	•	•					SBH-CT 22 SBH-CT 33	452 925 452 926

<sup>1)</sup> Can only be fitted together with handle.

### SR accessories



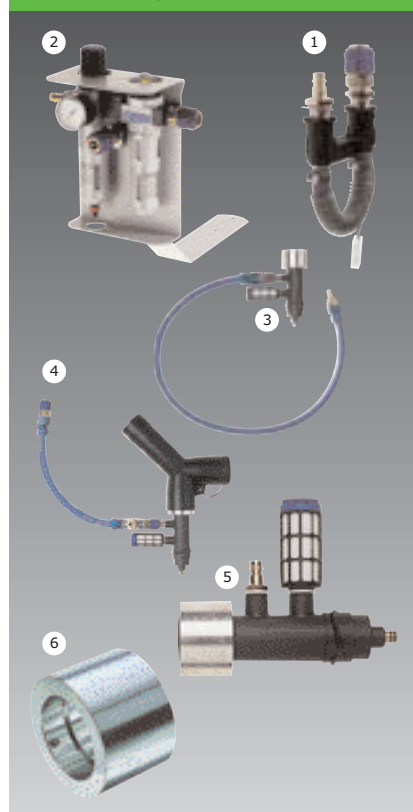
#### Description and application

	Model	Order no.
<b>Long life prefilter</b> As a replacement for the FIS filter bag to extract coarse dirt, for use with all SR dust extractors except for SR 15, SRH 204, SRM 312 (not shown)	VF-Multi	451 230
<b>Filter insert</b> Foam filter for SRM 312 (1 item supplied) 2 pieces (not shown)	FE-LFC	447 221
<b>Spark trap for dust extractor</b> To be used when sanding materials which generate sparks.	D 50 FL	484 733

# Dust Extraction

## Extraction accessories

### CT-/SR compressed air accessories



Description and application	Model	Order no.
1 <b>Compressed air module</b> <sup>1)</sup> for retrofitting CT mobile dust extractor, version E in air tool design with additional compressed air automatic electronic switch-on/shut-off. Switching process is activated via a sensor element in the intake air flow. Problem-free function in combination with all air tools.	VE-CT	452 829
2 <b>Service unit</b> <sup>1)2)</sup> for CT mobile dust extractor in air tool design, comprising a filter with condensate drain, pressure regulator, oiler and additional oil-free air outlet with quick coupling pre-fitted on holding bracket, including fixing parts and air connection hose.	VE-CT	452 797
3 <b>IAS 2 adapter</b> <sup>1)</sup> To connect the CT mobile dust extractor in air tool design to IAS 2 air tools via IAS 2 hose. Parts set complete with air connecting hose and IAS 2-A/SR adapter for extractor port, antistatic design.	IAS 2-A-ASA/CT	454 757
4 <b>IAS 2 double adapter</b> <sup>1)3)</sup> For the simultaneous connection of 2 air tools (additional IAS 2 adapter IAS 2-A-CT required) for alternate operation, complete parts set comprising star connector with D 50 SV-AS/D 50 V blanking plug, IAS 2 adapter IAS 2-A-SR and air connecting hose, antistatic design.	IAS 2-DA-CT	454 758
5 <b>IAS 2 connector</b> adapter To connect the SR dust extractor in air tool design with IAS 2 hoses. Integrated connection for air supply, antistatic design.	IAS 2-A-SR	488 181
6 <b>Connecting sleeve</b> Special design for the SRM 312 LE-AS dust extractor, aluminium only to be used combined with the IAS 2 IAS 2-A-SR adapter.	IAS 2-AK-B1	489 263

### Air tool connection



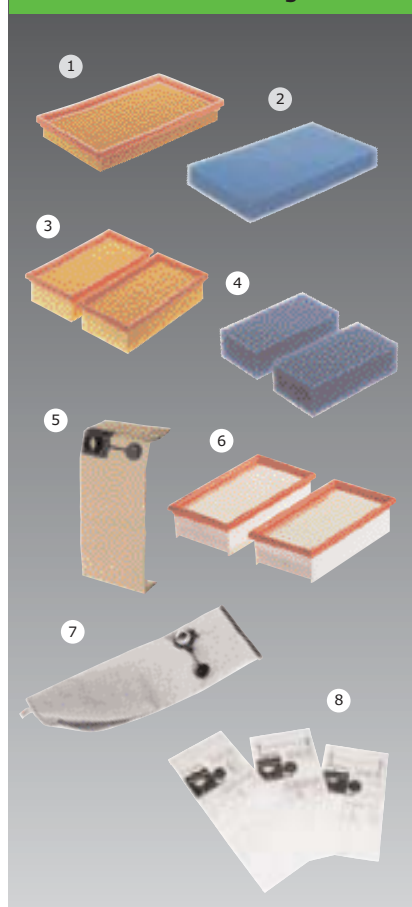
Description and application	Model	Order no.
<b>IAS 2 hose, antistatic version</b> temperature-resistant to +70 °C, in accordance with DIN IEC 312 leakage resistance < 10M Ohm  Length: 3.5 m Length: 5 m Length: 7 m	IAS 2-3500 AS IAS 2-5000 AS IAS 2-7000 AS	487 901 488 176 488 131
<b>IAS 2 hose</b> temperature-resistant to +70°C  Length: 3.5 m Length: 5 m Length: 7 m	IAS 2-3500 IAS 2-5000 IAS 2-7000	488 132 488 175 488 133
<b>Adapter</b> to connect Festool IAS 2 air tools to a simple compressed air line; without dust extraction; with silencer and coupling socket KS-1/4	AD 1/4-IAS 2	488 311
<b>Adapter</b> for use with D 36 suction nozzles IAS 2 hoses; <i>Note:</i> If IAS 2 hoses are used without this adapter to extract dirt directly the hoses and air tools can be damaged through dirt deposits at the connecting points.	AD-IAS 2/D36	488 418

<sup>1)</sup> Not suitable for CT 11. <sup>2)</sup> Can only be fitted with the SB-CT handle on the CT 22/33.  
<sup>3)</sup> Only to be operated in conjunction with IAS 2-A-CT.

# Dust Extraction

## Extraction accessories

### CT filters and filter bags

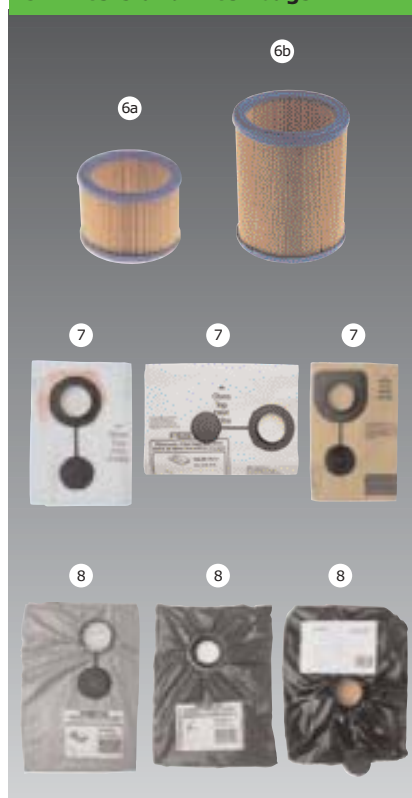


Description/ Application	CT MINI	CT 11 E	CT 22 E	CTM 22 E	CT 33E/LE	CTM 33E/LE	CT 44E/LE	CTM 44E/LE	CT 55 E	CTM 55 E	Model	Order No.
1 Main filter 1 unit	•										HF-CT MINI	456 790
2 Wet filter 1 unit	•										NF-CT MINI	456 805
3 Main filter 2 units		•	•	•	•	•	•	•	•	•	HF-CT/2	452 923
4 Wet filter 2 units		•	•	•	•	•	•	•	•	•	NF-CT/2	452 924
5 Filter bag 5 pieces		•	•	•	•	•	•	•	•	•	FIS-CT 11 FIS-CT 22 FIS-CT 33 FIS-CT 44 FIS-CT 55	452 974 452 970 452 971 452 972 452 973
6 Longlife main filter 2 units	•	•	•	•	•	•	•	•	•	•	Longlife- HF-CT /2	454 869
7 Longlife filter bag for CT 22, 1 unit for CT 33, 1 unit for CT 44, 1 unit for CT 55, 1 unit			•	• <sup>1)</sup>	•	• <sup>1)</sup>	• <sup>1)</sup>	• <sup>1)</sup>	•	• <sup>1)</sup>	Longlife- -FIS-CT 22 -FIS-CT 33 -FIS-CT 44 -FIS-CT 55	456 737 456 738 456 739 456 740

<sup>1)</sup> To be used only for extraction of dust types which are **not** hazardous to health.

Description/ Application	CT 11 E	CT 22 E	CTM 22 E	CT 33E/LE	CTM 33E/LE	CT 44E/LE	CTM 44E/LE	Model	Order No.
8 FIS Spunbound Fleece for CT 22, 5 units for CT 33, 5 units for CT 44, 5 units	•	•	•	•	•	•	•	FIS CT 22 SP Vlies/5 FIS CT 33 SP Vlies/5 Vlies/5 FIS CT 44 SP Vlies/5 Vlies/5	456 870 456 871 456 874

### SR filters and filter bags



Description/ application	SR5	SR6	SR12 SR14	SR15	SR 151	SRM 152	SR200 SR 201	SR202 SRM212	SR 203	SRH 204	SR301 SR303	SR 302	SRM 312	Order no.
6a Absolute filters, BIA-approved AB-FI/U (3150)	•				•		•							485 808 488 461
6b AB-FI/C (10500) Application category C/M		•	•			•		•	•		•	•	•	486 241 488 924
MI-FI/K1 (10500) (not. shown.) Application category K1/H		•	•	•			•	•		•	•	•	•	486 145 489 221
7 Two-ply filter bag, BIA approved for materials with LIL values FIS-SR 5/6 (5 pieces) FIS-SR 12/14 (5 pieces) FIS-SR 150 (5 pieces) FIS-SR 200 (5 pieces) FIS-SR 300 (5 pieces) FIS-SR 5/6 20 pieces) FIS-SR 200 20 pieces)	•	•	•		•	•	•	•	•		•	•	•	483 143 483 142 488 460 487 070 487 790 487 875 487 874
8 for materials with LIL values and carcinogenic substances as def. by GefStoffV para 35 (Hazardous substances legis.). FIS-SR 15 (5 pieces) (incl. subst. under para 15a) FIS-SR 202/212 (5 pieces) FIS-SR 302 (5 pieces)			•	•			•	•	•	•	•	•	•	483 889 487 482 488 439

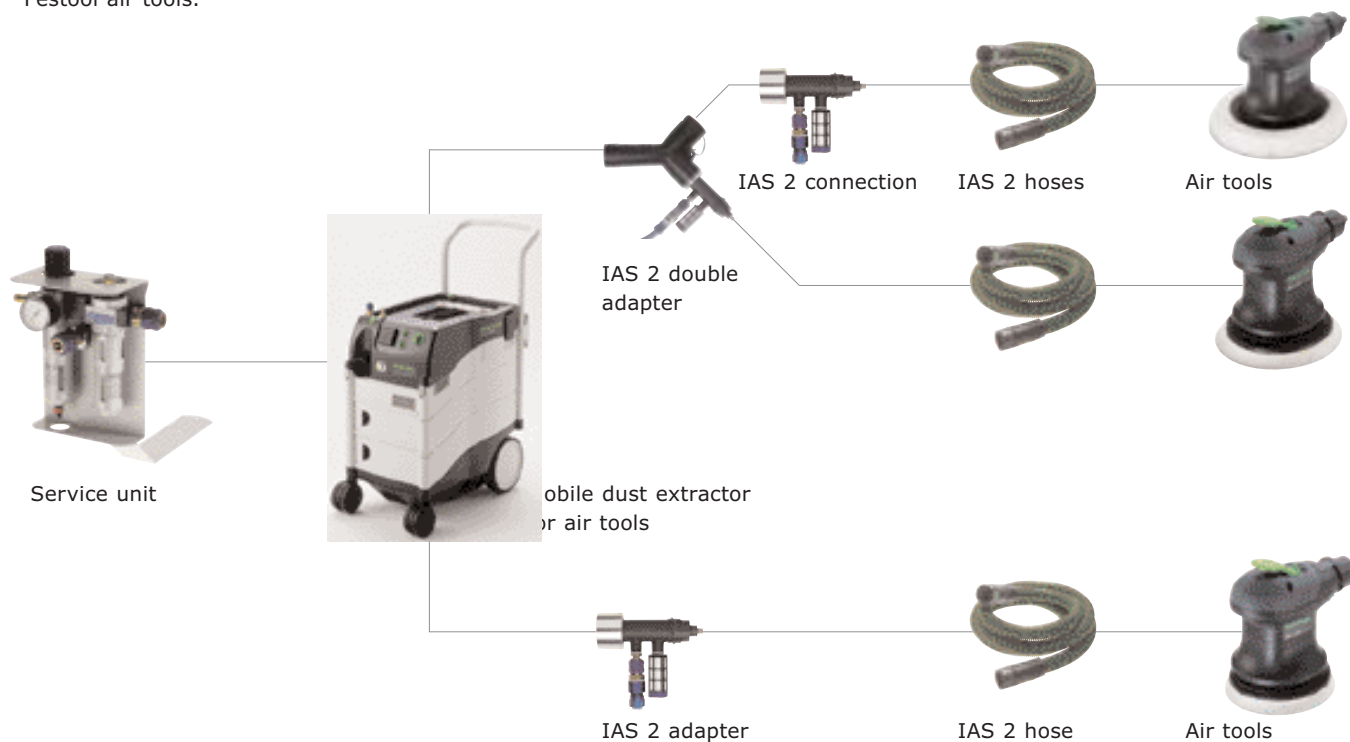
• 1 item supplied with mobile dust extractor • Suitable for use

# Dust Extraction System solutions

FESTOOL

## CT mobile extractor + IAS 2 system

The IAS 2 system for maximum performance and reliability. The IAS 2 consists of perfectly matched components. Only the IAS 2 system allows full exploitation of the performance potential of Festool air tools.



## ASA boom arms + IAS 2 system





# Organising the workplace

## Plug-it



Plug-it – combined cable and hose for use in almost all electric power tools.

### The benefits at a glance.

#### Significant time savings

- Quicker and simpler one-handed electric tool changeover.
- Fast cable change rules out downtimes through cable breaks.
- No laborious searching for the correct mains connector when changing over electric tools.

#### Outstanding results

- The perfect cable for all working conditions thanks to rubber casing.
- Absolute flexibility within the operating radius thanks to two different, interchangeable cable lengths.

#### Optimum safety

- Reduced risk of accident through avoidance of confusion over cables and tripping over cables – only one cable is needed for several machines.
- Bayonet fitting ensures optimal, safe contact between the tool and the cable.

### System benefits

#### Fits tightly.

The Plug-it system is the up-to-date equipment power supply connection. The direct connection at the machine and the bayonet fitting means that the Plug-it system **works quickly and simply**.

Experience shows that mains cable breaks are among the most common causes of failure of electric power tools. This causes annoying downtime and repair costs, and it often happens when you need the tool the most. Plug-it means: rapid cable change directly at the machine. This is not only comfortable, it also means that you do not lose valuable work time.



The Plug-it system was awarded the iF Product Design Award 2000.

*Tough and always safe – the Plug-it cable system.*



# Organising the workplace

## Plug-it

**FESTOOL**

### Bring your old Festool tools up to standard.

A simple retrofit of your Festool tools without the Plug-it system is all it takes to enjoy all the benefits of Plug-it and the new D 27 extractor hose. This makes sense both practically and economically: it gives you the full benefits of the plug-it system at an attractive price.

It works really easily: the old mains cable is simply replaced by the conversion kit. With its abrasion-, kink- and temperature-resistant PU jacketing, the conversion kit is suitable for use on building sites and in the workshop.

#### Safety note:

The conversion involves direct intervention on the tool and must only be carried out by your Festool service workshop or a qualified electrician. The conversion kit is not suitable for brands from other electric power tool manufacturers. Your workshop will gladly answer any questions you may have.



New from old: the Plug-it connection for fast, safe and comfortable working.

#### Plug-it accessories



Description and application	Model	Order no.
<b>Plug-it conversion set</b>		
<b>360 mm</b> , for RS 1, RS 1 C, DX 93, RO 150/RO 2, RAS 115, BF 1, PS 200/PS 2, KF 4	UBS-PUR 360-Plug-it	491 144
<b>420 mm</b> , for RS 2, RS 3, RS 400/RS 4, DS 400, ES 125, OF 1000, OF 900, ATF 55, AT 65, AP 55, AP 65, EHL 65	UBS-PUR 420-Plug-it	491 145
<b>Plug-it cable,</b>		
① Rubber, 4.0 m	H 05 RN-F/4	489 659
Rubber, 7.5 m	H 05 RN-F/7.5	489 660
② PU-insulated, 4.0 m	H 05 BQ-F/4	489 662
PU-insulated, 7.5 m	H 05 BQ-F/7.5	489 663
<b>Plug-it repair connector</b>	RK-Plug-it	489 685

#### General notes on the catalogue:

- The right to make modifications, especially to technical data or specifications, without prior notification, is reserved. Individual features may vary in accordance with country-specific conditions.
- We accept no liability for any errors or omissions. All illustrations are non-binding.
- Please consult the current price list for a non-binding price recommendation plus the statutory taxes.
- CE conformity: All electric power tools and pneumatic tools listed in this catalogue comply – depending on each type of equipment – with the valid safety regulations as well as the valid safety standards (EN 50 144, EN 60 745, EN 60 335, EN 55 104, EN 61000 – 3 in accordance with the conditions of EU Directives 98/37/EC, 89/336/EEC, 73/23/EEC, 94/9/EC).
- ISO certification: All the electric power tools and pneumatic tools listed in this catalogue are manufactured in our production plants which are ISO 9001 certified.
- Insulation: The electric power tools listed in this catalogue are totally insulated (in accordance with safety class II) or earthed (in accordance with safety class I).

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